## **FINAL PROJECT - GROUP 6**

## II – A NETAD

Members: Rocha – Leader

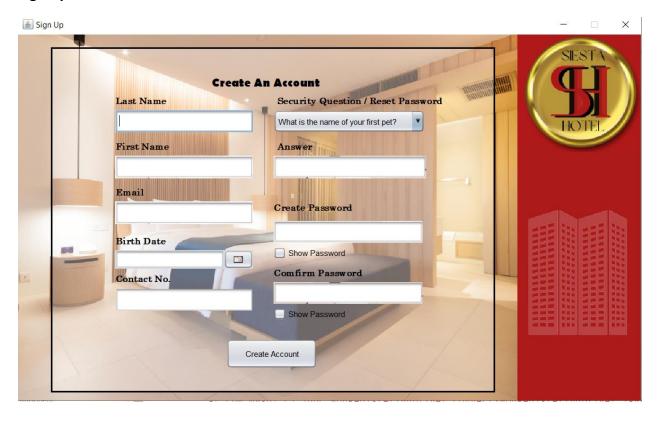
- 1. Carrasca
- 2. Cordero
- 3. Delfin
- 4. Marzan

## **EXECUTION**

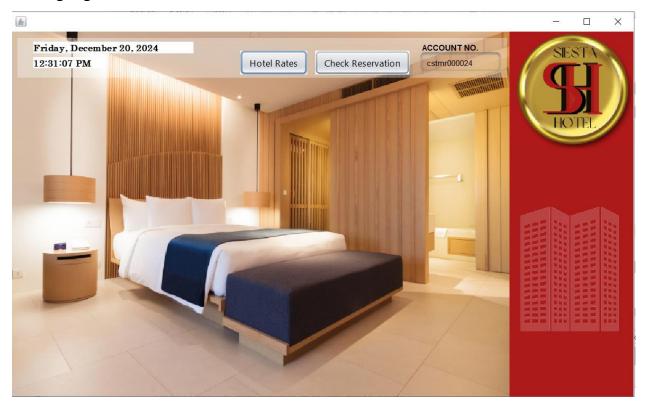
## Log In



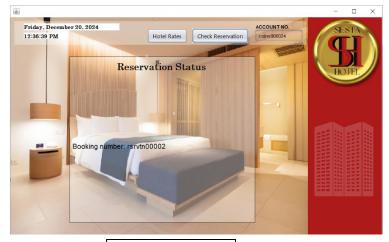
# Sign Up

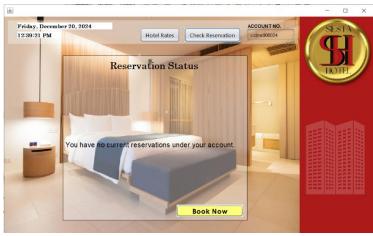


# **Landing Page**



## **Check reservation**





ALREADY BOOKED

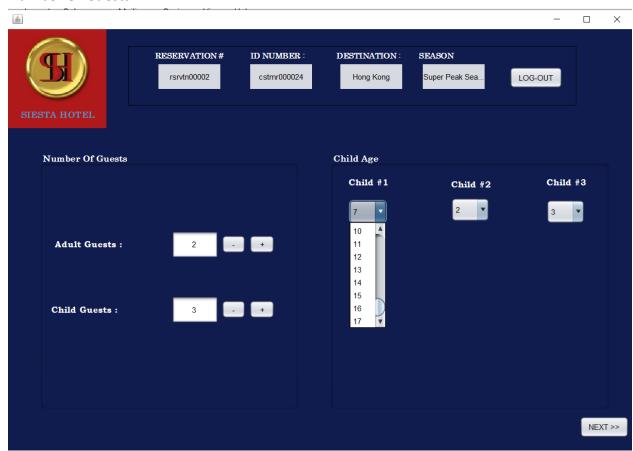
NO BOOKING

#### **Travel Date And Destination**





#### **Number Of Guests**



### **Room Type and Number of Rooms**

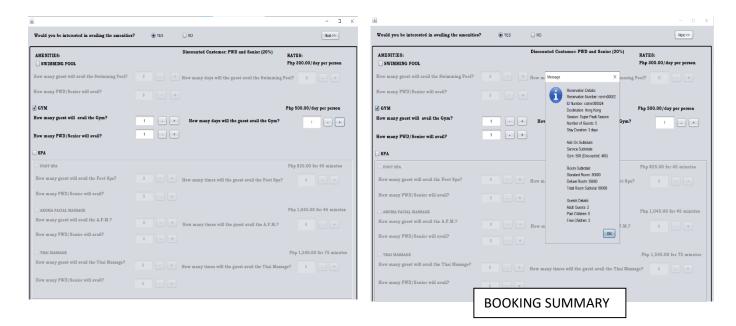


## **Add Ons**



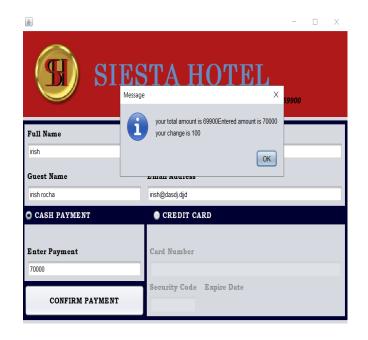


#### **Amenities**



## Payment





```
LOG-IN
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.sql.*;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
* @author LENOVO
*/
public class Login extends javax.swing.JFrame {
  /**
  * Creates new form Login
  */
  public Login() {
```

```
initComponents();
  Connect();
}
Connection con;
public void Connect() {
  ConnectionClass connectionClass = new ConnectionClass();
  con = connectionClass.con;
}
/**
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
 jPanel1 = new javax.swing.JPanel();
 jLabel1 = new javax.swing.JLabel();
  jLabel2 = new javax.swing.JLabel();
  jLabel3 = new javax.swing.JLabel();
  emailInput = new javax.swing.JTextField();
  loginPass = new javax.swing.JPasswordField();
  ¡Button2 = new javax.swing.JButton();
```

```
jLabel5 = new javax.swing.JLabel();
showPass = new javax.swing.JCheckBox();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setTitle("Log-In");
setBackground(new java.awt.Color(255, 255, 255));
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jPanel1.setBackground(new java.awt.Color(255, 255, 255, 90));
jPanel1.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 3, true));
jLabel1.setFont(new java.awt.Font("Berlin Sans FB", 1, 18)); // NOI18N
jLabel1.setText("Sign-In");
jLabel2.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
jLabel2.setText("Email");
jLabel3.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
jLabel3.setText("Password");
emailInput.setFont(new java.awt.Font("Arial", 1, 12)); // NOI18N
emailInput.setText("irishrocha@gmail.com");
emailInput.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {
    emailInputActionPerformed(evt);
  }
});
loginPass.setFont(new java.awt.Font("Arial", 1, 12)); // NOI18N
loginPass.setText("siesta123");
loginPass.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    loginPassActionPerformed(evt);
  }
});
jButton2.setText("Log In");
jButton2.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton2ActionPerformed(evt);
  }
});
jLabel5.setFont(new java.awt.Font("Segoe UI Symbol", 0, 12)); // NOI18N
jLabel5.setText("Don't have an account?");
showPass.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    showPassActionPerformed(evt);
  }
```

```
});
jLabel6.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
jLabel6.setText("Forgot Password?");
jLabel6.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    jLabel6MouseClicked(evt);
 }
});
jLabel7.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
¡Label7.setText("Register");
jLabel7.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    jLabel7MouseClicked(evt);
  }
});
¡Label4.setText("Show Password");
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
  jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
  .addGroup(jPanel1Layout.createSequentialGroup()
```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```
.addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(145, 145, 145)
            .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 74,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(109, 109, 109)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED SIZE, 134,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel1Layout.createSequentialGroup()
        .addContainerGap(61, Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel3)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 51,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(emailInput, javax.swing.GroupLayout.DEFAULT_SIZE, 245,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel1Layout.createSequentialGroup()
                .addComponent(showPass)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(jLabel4)
                .addGap(7, 7, 7)
```

```
.addComponent(jLabel6))
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel5)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED_SIZE, 66,
javax.swing.GroupLayout.PREFERRED SIZE)))
            .addComponent(loginPass)))
        .addGap(58, 58, 58))
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(25, 25, 25)
        .addComponent(jLabel1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED SIZE, 23,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(emailInput, javax.swing.GroupLayout.PREFERRED SIZE, 34,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(18, 18, 18)
        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(loginPass, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(jLabel4))
          .addComponent(showPass))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(10, 10, 10)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE))
        .addContainerGap(24, Short.MAX VALUE))
    );
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(270, 90,
-1, 330));
    jLabel8.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/BG.jpg"))); // NOI18N
    jLabel8.setText("jLabel8");
    getContentPane().add(jLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(-20, 0,
980, -1));
```

```
pack();
  setLocationRelativeTo(null);
}// </editor-fold>
private void emailInputActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void loginPassActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
  String enteredUserEmail = emailInput.getText();
  String enteredUserPassword = new String(loginPass.getPassword());
 // Check if email is not empty and matches the required pattern
  try
  {
    String emailQuery = "SELECT * FROM login credentials WHERE email = ?";
    PreparedStatement emailPst = con.prepareStatement(emailQuery);
    emailPst.setString(1, enteredUserEmail);
    ResultSet rsEmailQuery = emailPst.executeQuery();
    if (rsEmailQuery.next()) {
```

```
String passQuery = "SELECT * FROM login_credentials WHERE email = ? AND password
= ?";
        PreparedStatement passwordPst = con.prepareStatement(passQuery);
        passwordPst.setString(1, enteredUserEmail);
        passwordPst.setString(2, enteredUserPassword);
        ResultSet rsPassQuery = passwordPst.executeQuery();
        if (rsPassQuery.next()) {
          String accountNumber = rsPassQuery.getString("accountNumber");
          toNextPage(accountNumber);
        }
        else
        {
          int option = JOptionPane.showConfirmDialog(
              this,
              "The password you've entered is incorrect. \nForgot Password?",
              "Incorrect Password",
              JOptionPane.YES_NO_OPTION,
              JOptionPane.QUESTION_MESSAGE);
          if (option == JOptionPane.YES OPTION)
          {
            new ForgotPassword().setVisible(true);
            this.dispose();
```

```
}
         else
         {
           System.out.println("User selected 'No'.");
         }
      }
    }
    else
    {
      JOptionPane.showMessageDialog(this, "Invalid Account");
    }
  }
  catch (SQLException ex)
  {
    Logger.getLogger(Login.class.getName()).log(Level.SEVERE, null, ex);
  }
}
private void toNextPage(String accountNumber)
  LandingPage instanceForLP = new LandingPage();
  instanceForLP.setVisible(true);
  instance For LP. account Number Display. set Text (account Number);\\
```

```
this.dispose();
}
private void showPassActionPerformed(java.awt.event.ActionEvent evt) {
  if(showPass.isSelected())
  {
    loginPass.setEchoChar((char)0);
  }
  else
  {
    loginPass.setEchoChar('*');
  }
}
private void jLabel6MouseClicked(java.awt.event.MouseEvent evt) {
  ForgotPassword fp = new ForgotPassword();
  fp.setVisible(true);
  this.setVisible(false);
}
private void jLabel7MouseClicked(java.awt.event.MouseEvent evt) {
  new SignUp().setVisible(true);
```

```
this.setVisible(false);
  }
  /**
  * @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
         new Login().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JTextField emailInput;
  private javax.swing.JButton jButton2;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;
  private javax.swing.JLabel jLabel6;
  private javax.swing.JLabel jLabel7;
  private javax.swing.JLabel jLabel8;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JPasswordField loginPass;
  private javax.swing.JCheckBox showPass;
  // End of variables declaration
}
SIGN-UP
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import java.sql.*;
import java.text.SimpleDateFormat;
```

```
import java.time.LocalDate;
import java.time.Period;
import java.time.ZoneId;
import java.util.Calendar;
import javax.swing.JPasswordField;
* @author LENOVO
*/
public class SignUp extends javax.swing.JFrame {
  /**
  * Creates new form SignUp
  */
  public SignUp() {
    initComponents();
    Connect();
  }
  Connection con;
  public void Connect(){
    // para maconnect sya sa database
    ConnectionClass connectionClass = new ConnectionClass();
    con = connectionClass.con;
    }
  /**
```

```
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  jPanel1 = new javax.swing.JPanel();
 jLabel1 = new javax.swing.JLabel();
  jLabel2 = new javax.swing.JLabel();
  firstName = new javax.swing.JTextField();
  jLabel3 = new javax.swing.JLabel();
  crtPass = new javax.swing.JPasswordField();
  cmfrmPass = new javax.swing.JPasswordField();
  lastName = new javax.swing.JTextField();
  jLabel5 = new javax.swing.JLabel();
  jLabel6 = new javax.swing.JLabel();
  jLabel7 = new javax.swing.JLabel();
  createAcc = new javax.swing.JButton();
  email = new javax.swing.JTextField();
  jLabel8 = new javax.swing.JLabel();
  secQ = new javax.swing.JComboBox<>();
  jLabel9 = new javax.swing.JLabel();
  jLabel10 = new javax.swing.JLabel();
  showPass = new javax.swing.JCheckBox();
  showPass1 = new javax.swing.JCheckBox();
```

```
contactNum = new javax.swing.JFormattedTextField();
    jLabel12 = new javax.swing.JLabel();
    secAns = new javax.swing.JTextField();
    birthDate = new com.toedter.calendar.JDateChooser();
    jLabel4 = new javax.swing.JLabel();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
    setTitle("Sign Up");
    setResizable(false);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jPanel1.setBackground(new java.awt.Color(255, 255, 255, 90));
    jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0, 0),
3));
    jLabel1.setFont(new java.awt.Font("Berlin Sans FB", 1, 18)); // NOI18N
    ¡Label1.setText("Create An Account");
    jLabel2.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    ¡Label2.setText("Last Name");
    firstName.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N
    firstName.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        firstNameActionPerformed(evt);
      }
    });
```

```
jLabel3.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
¡Label3.setText("First Name");
crtPass.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
crtPass.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    crtPassActionPerformed(evt);
  }
});
cmfrmPass.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
cmfrmPass.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    cmfrmPassActionPerformed(evt);
  }
});
lastName.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N
lastName.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    lastNameActionPerformed(evt);
  }
});
jLabel5.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
¡Label5.setText("Create Password");
```

```
jLabel6.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    ¡Label6.setText("Comfirm Password");
    jLabel7.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel7.setText("Email");
    createAcc.setText("Create Account");
    createAcc.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        createAccActionPerformed(evt);
      }
    });
    email.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N
    email.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        emailActionPerformed(evt);
      }
    });
    jLabel8.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel8.setText("Contact No.");
    secQ.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "What is the
name of your first pet?", "What is your mother's maiden name?", "What is your Sports?",
"What is Your favorite color?" }));
```

```
jLabel9.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel9.setText("Answer");
    jLabel10.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel10.setText("Security Question / Reset Password");
    showPass.setText("Show Password");
    showPass.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        showPassActionPerformed(evt);
      }
    });
    showPass1.setText("Show Password");
    showPass1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        showPass1ActionPerformed(evt);
      }
    });
    try {
      contactNum.setFormatterFactory(new javax.swing.text.DefaultFormatterFactory(new
javax.swing.text.MaskFormatter("########")));
    } catch (java.text.ParseException ex) {
      ex.printStackTrace();
    }
    contactNum.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {
        contactNumActionPerformed(evt);
      }
    });
    jLabel12.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel12.setText("Birth Date");
    secAns.setFont(new java.awt.Font("Arial", 1, 14)); // NOI18N
    secAns.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        secAnsActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(240, 240, 240)
        .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED SIZE, 173,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
        .addContainerGap(94, Short.MAX VALUE)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addComponent(firstName, javax.swing.GroupLayout.DEFAULT SIZE, 208,
Short.MAX VALUE)
              .addComponent(lastName, javax.swing.GroupLayout.DEFAULT SIZE, 208,
Short.MAX VALUE)
              .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 104,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 87,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 104,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(email, javax.swing.GroupLayout.DEFAULT SIZE, 208,
Short.MAX_VALUE)
              .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED SIZE, 104,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(contactNum)
              .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 104,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(birthDate, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
            .addGap(31, 31, 31)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(secQ, javax.swing.GroupLayout.PREFERRED_SIZE,
```

javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addGroup(jPanel1Layout.createSequentialGroup()

### .addGap(5, 5, 5)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEADING)

.addComponent(jLabel10)

.addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED\_SIZE, 63, javax.swing.GroupLayout.PREFERRED\_SIZE)))

.addComponent(secAns, javax.swing.GroupLayout.PREFERRED\_SIZE, 230, javax.swing.GroupLayout.PREFERRED\_SIZE)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING, false)

.addComponent(cmfrmPass, javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(crtPass, javax.swing.GroupLayout.PREFERRED\_SIZE, 225, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGroup(jPanel1Layout.createSequentialGroup()

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED\_SIZE, 143, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED\_SIZE, 131, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(showPass1, javax.swing.GroupLayout.PREFERRED\_SIZE, 120, javax.swing.GroupLayout.PREFERRED\_SIZE)

 $. add Component (show Pass, javax.swing. Group Layout. PREFERRED\_SIZE, 114, javax.swing. Group Layout. PREFERRED\_SIZE))$ 

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 82, javax.swing.GroupLayout.PREFERRED\_SIZE)))))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()

.addComponent(createAcc, javax.swing.GroupLayout.PREFERRED\_SIZE, 136, javax.swing.GroupLayout.PREFERRED\_SIZE)

```
.addGap(189, 189, 189)))
        .addGap(77, 77, 77))
    );
    jPanel1Layout.linkSize(javax.swing.SwingConstants.HORIZONTAL, new
java.awt.Component[] {email, firstName, lastName});
    ¡Panel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(39, 39, 39)
        .addComponent(jLabel1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel10, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(secQ))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel2)
            . add Preferred Gap (javax. swing. Layout Style. Component Placement. RELATED) \\
            .addComponent(lastName, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addGap(12, 12, 12)
```

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```
.addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(firstName, javax.swing.GroupLayout.PREFERRED_SIZE, 34,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(secAns, javax.swing.GroupLayout.PREFERRED SIZE, 34,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(jLabel7, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(email, javax.swing.GroupLayout.PREFERRED SIZE, 34,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(16, 16, 16)
            .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(birthDate, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(contactNum, javax.swing.GroupLayout.PREFERRED SIZE, 36,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(crtPass, javax.swing.GroupLayout.PREFERRED SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(showPass)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 17,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(cmfrmPass, javax.swing.GroupLayout.PREFERRED SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(showPass1)))
        .addGap(29, 29, 29)
        .addComponent(createAcc, javax.swing.GroupLayout.PREFERRED SIZE, 44,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(30, Short.MAX VALUE))
    );
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(50, 20,
670, 520));
    jLabel4.setIcon(new
javax.swing.lmagelcon(getClass().getResource("/pkgcase/study/bgForLandingPage.png"))); //
NOI18N
```

```
getContentPane().add(jLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1,
-1));
    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>
  private void firstNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void crtPassActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void cmfrmPassActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void lastNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void createAccActionPerformed(java.awt.event.ActionEvent evt) {
   StringBuilder errorMessages = new StringBuilder();
   String enteredFirstName = getValidatedFirstName(firstName, "First Name", errorMessages);
   String enteredLastName = getValidatedFirstName(lastName, "Last Name", errorMessages);
```

```
String enteredBirthDate = getValidatedBirthDate(errorMessages);
          String enteredSecAns = getValidatedSecAns(secAns, "Security Answer", errorMessages);
          String enteredContactNum = getValidatedContactNumber(contactNum, "Contact Number",
errorMessages);
          String enteredPassword = getValidatedPassword(crtPass, "Password", cmfrmPass, "Comfirm
Password", errorMessages);
          String enteredSecurityQuestion = secQ.getSelectedItem().toString();
          if(errorMessages.length()> 0)
          {
                JOptionPane.showMessageDialog(this, errorMessages.toString(), "Validation Errors",
JOptionPane.ERROR MESSAGE);
          }
          else
          {
                 ForLoginCredentials(enteredEmail, enteredPassword);
For Customer Information (entered First Name, entered Last Name, entered Contact Num, entered Birter Strategier (entered First Name, entered Last Name, entered Las
hDate,enteredSecurityQuestion,enteredSecAns,enteredEmail,enteredPassword);
                 int response = JOptionPane.showConfirmDialog(this, "Do you want to log in now?", "Login
Prompt", JOptionPane.YES NO OPTION, JOptionPane.QUESTION MESSAGE);
                if(response == JOptionPane.YES OPTION)
                {
                        new Login().setVisible(true);
```

String enteredEmail = getValidatedEmail(email, "Email", errorMessages);

```
this.setVisible(false);
     }
     else
     {
        System.exit(0);
     }
   }
      }
 private void ForLoginCredentials(String enteredEmail, String enteredPassword)
   {
      PreparedStatement logInCredentials;
    try
    {
      logInCredentials = con.prepareStatement("INSERT INTO login_credentials (Email,
password) VALUES (?,?)");
```

```
logInCredentials.setString(1,enteredEmail);
      logInCredentials.setString(2,enteredPassword);
      logInCredentials.executeUpdate();
    }
    catch (SQLException ex) {
      Logger.getLogger(SignUp.class.getName()).log(Level.SEVERE, null, ex);
    }
   }
  private void ForCustomerInformation(String enteredFirstName,String enteredLastName,String
enteredContactNum,String enteredBirthDate,String enteredSecurityQuestion,String
enteredSecAns, String enteredEmail, String enteredPassword)
  {
    String fullName = enteredFirstName + " " + enteredLastName;
    try
    {
      PreparedStatement getAccountNumber;
      ResultSet rs;
      String getAccountNumberQuery = "SELECT accountNumber FROM login_credentials
WHERE email = ? AND password = ? ";
      getAccountNumber = con.prepareStatement(getAccountNumberQuery);
      getAccountNumber.setString(1, enteredEmail);
      getAccountNumber.setString(2, enteredPassword);
      rs = getAccountNumber.executeQuery();
```

```
if(rs.next())
      {
        String accountNumber = rs.getString("accountNumber");
        PreparedStatement fullInformation;
        try
        {
          String fullInformationQuery = ("INSERT INTO customer information(accountNumber,
fullName, contactNum, birthDate, securityQuestion, securityAnswer) VALUES(?,?,?,?,?)");
          fullInformation = con.prepareStatement(fullInformationQuery);
          fullInformation.setString(1, accountNumber);
          fullInformation.setString(2, fullName);
          fullInformation.setString(3, enteredContactNum);
          fullInformation.setString(4, enteredBirthDate);
          fullInformation.setString(5, enteredSecurityQuestion);
          fullInformation.setString(6, enteredSecAns);
          fullInformation.executeUpdate();
        }
        catch(SQLException ex)
        {
           Logger.getLogger(SignUp.class.getName()).log(Level.SEVERE, null, ex);
```

```
}
      }
    }
    catch(SQLException ex)
    {
    }
  }
  private String getValidatedFirstName(JTextField field, String fieldName, StringBuilder
errorMessages)
  {
    String fName = field.getText();
    if(fName.isEmpty()){
      error Messages. append (field Name). append ("cannot be empty. \verb|\n"|);
         return null;
```

```
}
        return fName;
  }
  private String getValidatedLastName(JTextField field, String fieldName, StringBuilder
errorMessages)
 {
    String IName = field.getText();
    if(IName.isEmpty()){
      errorMessages.append(fieldName).append(" cannot be empty.\n");
        return null;
    }
        return lName;
  }
   private String getValidatedEmail(JTextField field, String fieldName, StringBuilder
errorMessages)
 {
    String email = field.getText();
    if(email.isEmpty()){
```

```
errorMessages.append(fieldName).append(" cannot be empty.\n");
         return null;
    }
    String emailPattern = \[^{a-zA-Z0-9}_{*-}]+(?:\\.[a-zA-Z0-9]_{**-}]+)*@(?:[a-zA-Z0-9]_{**-}]+)
]+\\.)+[a-zA-Z]{2,7}$";
    if(!email.matches(emailPattern))
    {
      errorMessages.append("Please enter a valid email address.\n");
         return null;
    }
    if(!isEmailUnique(email))
    {
      errorMessages.append("This email is already in use.\n");
         return null;
    }
        return email;
  }
  private boolean isEmailUnique(String email)
  {
```

```
String emailUnique = "SELECT * FROM login_credentials WHERE email = ?";
  try
  {
    PreparedStatement checkEmailStmt = con.prepareStatement(emailUnique);
    checkEmailStmt.setString(1, email);
    ResultSet rs = checkEmailStmt.executeQuery();
    if(rs.next())
      return false;
    }
  }
  catch(SQLException e)
  {
    //JOptionPane.showMessageDialog(null, );
  }
        return true;
private String getValidatedBirthDate(StringBuilder errorMessages)
{
  try
  {
    SimpleDateFormat sdf = new SimpleDateFormat("yyyy-MM-dd");
    sdf.setLenient(false); // Ensures strict parsing of the date format
    java.util.Date birthDateValue = birthDate.getDate();
```

}

```
if (birthDateValue == null) {
  errorMessages.append("Please enter a valid birth date.\n");
  return null;
}
// Convert java.util.Date to Calendar for age calculation
Calendar birthDateCalendar = Calendar.getInstance();
birthDateCalendar.setTime(birthDateValue);
Calendar today = Calendar.getInstance();
int age = today.get(Calendar.YEAR) - birthDateCalendar.get(Calendar.YEAR);
// Adjust age if birthdate hasn't occurred yet this year
if (today.get(Calendar.DAY_OF_YEAR) < birthDateCalendar.get(Calendar.DAY_OF_YEAR)) {
  age--;
}
// Check if age is 18 or older
if (age < 18) {
  errorMessages.append("Age must be 18 or older.\n");
  return null;
}
// Return formatted birth date string if valid
return sdf.format(birthDateValue);
```

```
}
    catch (Exception e)
    {
      errorMessages.append("Please enter a valid birth date.\n");
      return null;
    }
 }
  private String getValidatedContactNumber(JTextField field, String fieldName, StringBuilder
errorMessages)
  {
    String contactNum = field.getText();
    if (contactNum.isEmpty()) {
      errorMessages.append(fieldName).append(" cannot be empty.\n");
      return null;
    }
    // Example: Basic validation for a 11-digit phone number
    String contactPattern = "^\\d{11}$";
    if (!contactNum.matches(contactPattern)) {
      errorMessages.append("Please enter a valid contact number (11 digits).\n");
      return null;
    }
    return contactNum;
 }
```

```
private String getValidatedSecAns(JTextField field, String fieldName, StringBuilder
errorMessages)
  {
    String secAns = field.getText();
    if(secAns.isEmpty()){
      errorMessages.append(fieldName).append(" cannot be empty.\n");
        return null;
    }
        return secAns;
 }
  private String getValidatedPassword(JPasswordField password, String
fieldNamePass,JPasswordField confirmPassword, String fieldNameConfirmPass, StringBuilder
errorMessages)
 {
    String pp = new String(password.getPassword());
    String cp = new String(confirmPassword.getPassword());
    if(pp.isEmpty()){
      errorMessages.append(fieldNamePass).append(" cannot be empty.\n");
        return null;
```

```
}
  if(cp.isEmpty()){
    errorMessages.append(fieldNameConfirmPass).append(" cannot be empty.\n");
      return null;
  }
  if(!pp.equals(cp))
  {
   errorMessages.append(" Password and Confirm Password must match\n");
  }
  return pp;
}
private void emailActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void showPassActionPerformed(java.awt.event.ActionEvent evt) {
if(showPass.isSelected())
  crtPass.setEchoChar((char)0);
}
```

```
else
  crtPass.setEchoChar('*');
}
    }
private void showPass1ActionPerformed(java.awt.event.ActionEvent evt) {
if(showPass1.isSelected())
  cmfrmPass.setEchoChar((char)0);
}
else
{
  cmfrmPass.setEchoChar('*');
}
}
private void contactNumActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void secAnsActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
* @param args the command line arguments
```

```
*/
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(SignUp.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
        new SignUp().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private com.toedter.calendar.JDateChooser birthDate;
  private javax.swing.JPasswordField cmfrmPass;
  private javax.swing.JFormattedTextField contactNum;
  private javax.swing.JButton createAcc;
  private javax.swing.JPasswordField crtPass;
  private javax.swing.JTextField email;
  private javax.swing.JTextField firstName;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel10;
  private javax.swing.JLabel jLabel12;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabel4;
```

```
private javax.swing.JLabel jLabel5;
  private javax.swing.JLabel jLabel6;
  private javax.swing.JLabel jLabel7;
  private javax.swing.JLabel jLabel8;
  private javax.swing.JLabel jLabel9;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JTextField lastName;
  private javax.swing.JTextField secAns;
  private javax.swing.JComboBox<String> secQ;
  private javax.swing.JCheckBox showPass;
  private javax.swing.JCheckBox showPass1;
  // End of variables declaration
}
FORGOT PASSWORD
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.util.logging.Level;
```

```
import java.util.logging.Logger;
import javax.swing.JOptionPane;
* @author LENOVO
*/
public class ForgotPassword extends javax.swing.JFrame {
  /**
  * Creates new form ForgotPassword
  */
  public ForgotPassword() {
    initComponents();
    Connect();
    securityPanel.setVisible(false);
  }
  Connection con;
  String accountNumber;
  public void Connect(){
    // para maconnect sya sa database
    ConnectionClass connectionClass = new ConnectionClass();
    con = connectionClass.con;
    }
```

```
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  resetPassword = new javax.swing.JFrame();
  ¡Panel6 = new javax.swing.JPanel();
  newPassword = new javax.swing.JPasswordField();
  newConfirmPass = new javax.swing.JPasswordField();
  changePass = new javax.swing.JButton();
  showPassword = new javax.swing.JCheckBox();
  showPass1 = new javax.swing.JCheckBox();
  ¡Panel1 = new javax.swing.JPanel();
  securityPanel = new javax.swing.JPanel();
  ¡Button1 = new javax.swing.JButton();
  seqAnswer = new javax.swing.JTextField();
  jPanel2 = new javax.swing.JPanel();
  secQuestion = new javax.swing.JLabel();
  ¡Panel3 = new javax.swing.JPanel();
  forgotEmail = new javax.swing.JTextField();
  enter = new javax.swing.JButton();
  jLabel3 = new javax.swing.JLabel();
```

/\*\*

```
jLabel2 = new javax.swing.JLabel();
    jLabel1 = new javax.swing.JLabel();
    resetPassword.setTitle("Reset Password");
    resetPassword.setResizable(false);
newPassword.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFacto
ry.createLineBorder(new java.awt.Color(0, 0, 0), 3), "PASSWORD",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT POSITION, new java.awt.Font("Century", 0, 14))); //
NOI18N
    newPassword.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        newPasswordActionPerformed(evt);
      }
    });
newConfirmPass.setBorder(javax.swing.BorderFactory.createTitledBorder(javax.swing.BorderFa
ctory.createLineBorder(new java.awt.Color(0, 0, 0), 3), "CONFIRM PASSWORD",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT_POSITION, new java.awt.Font("Century", 0, 14))); //
NOI18N
    newConfirmPass.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        newConfirmPassActionPerformed(evt);
      }
    });
```

```
changePass.setText("Change Password");
changePass.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    changePassActionPerformed(evt);
  }
});
showPassword.setText("Show Password");
showPassword.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    showPasswordActionPerformed(evt);
  }
});
showPass1.setText("Show Password");
showPass1.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    showPass1ActionPerformed(evt);
  }
});
javax.swing.GroupLayout jPanel6Layout = new javax.swing.GroupLayout(jPanel6);
jPanel6.setLayout(jPanel6Layout);
jPanel6Layout.setHorizontalGroup(
  jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
  .addGroup(jPanel6Layout.createSequentialGroup()
    .addGap(130, 130, 130)
```

```
.addComponent(changePass)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel6Layout.createSequentialGroup()
        .addGap(0, 85, Short.MAX VALUE)
.addGroup(jPanel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(showPass1, javax.swing.GroupLayout.PREFERRED SIZE, 114,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(showPassword, javax.swing.GroupLayout.PREFERRED SIZE, 114,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(newConfirmPass, javax.swing.GroupLayout.PREFERRED SIZE, 262,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(newPassword, javax.swing.GroupLayout.PREFERRED SIZE, 262,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(73, 73, 73))
   );
   jPanel6Layout.setVerticalGroup(
      ¡Panel6Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel6Layout.createSequentialGroup()
        .addContainerGap(113, Short.MAX VALUE)
        .addComponent(newPassword, javax.swing.GroupLayout.PREFERRED SIZE, 57,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(showPass1)
        .addGap(18, 18, 18)
        .addComponent(newConfirmPass, javax.swing.GroupLayout.PREFERRED SIZE, 57,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(2, 2, 2)
        .addComponent(showPassword)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(changePass, javax.swing.GroupLayout.PREFERRED SIZE, 40,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(89, 89, 89))
    );
    javax.swing.GroupLayout resetPasswordLayout = new
javax.swing.GroupLayout(resetPassword.getContentPane());
    resetPassword.getContentPane().setLayout(resetPasswordLayout);
    resetPasswordLayout.setHorizontalGroup(
      resetPasswordLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(resetPasswordLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
    );
    resetPasswordLayout.setVerticalGroup(
      resetPasswordLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(resetPasswordLayout.createSequentialGroup()
        .addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
    );
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
    setTitle("Forgot Password");
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
```

```
jPanel1.setBackground(null);
    jPanel1.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0,
0)));
    iPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    securityPanel.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1,
true));
    securityPanel.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jButton1.setText("Submit");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
      }
    });
    securityPanel.add(jButton1, new org.netbeans.lib.awtextra.AbsoluteConstraints(112, 182, -
1, -1));
    securityPanel.add(seqAnswer, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 110,
240, 38));
    iPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    secQuestion.setText("QUESTIONS:");
    jPanel2.add(secQuestion, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10, -1,
28));
    securityPanel.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10, 270,
50));
```

```
jPanel1.add(securityPanel, new org.netbeans.lib.awtextra.AbsoluteConstraints(60, 160,
290, 270));
    ¡Panel3.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 1, true));
    jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    forgotEmail.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        forgotEmailActionPerformed(evt);
      }
    });
    jPanel3.add(forgotEmail, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 30, 168,
30));
    enter.setText("Enter");
    enter.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        enterActionPerformed(evt);
      }
    });
    jPanel3.add(enter, new org.netbeans.lib.awtextra.AbsoluteConstraints(220, 30, -1, 30));
    jLabel3.setText("Enter Your Email:");
    jPanel3.add(jLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 10, 120, -1));
    ¡Panel1.add(¡Panel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(40, 70, 330, 80));
```

```
jLabel2.setFont(new java.awt.Font("Century", 1, 24)); // NOI18N
    jLabel2.setText("CHANCE PASSWORD");
    jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(59, 19, 281, -1));
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(153, 60,
400, 460));
    ¡Label1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/bgForLandingPage.png"))); //
NOI18N
    jLabel1.setText("jLabel1");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(-10, 0,
940, -1));
    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>
  String secA;
  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    String enteredAnswer = seqAnswer.getText();
    if (enteredAnswer.equalsIgnoreCase(secA))
    {
      resetPassword.setSize(426, 492);
      resetPassword.setLocation(50, 50);
      resetPassword.setVisible(true);
```

```
this.setVisible(false);
  }
  else
  {
    JOptionPane.showMessageDialog(this, "Database error occurred. Please try again.");
  }
}
private void forgotEmailActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void enterActionPerformed(java.awt.event.ActionEvent evt) {
  String fEmail = forgotEmail.getText();
  try
  {
  String query = "SELECT accountNumber FROM login_credentials WHERE Email = ?";
```

```
PreparedStatement pstmt = con.prepareStatement(query);
     pstmt.setString(1, fEmail); // Set the first placeholder to email
     ResultSet rs = pstmt.executeQuery();
    if (rs.next())
    {
       String accountNumber = rs.getString("accountNumber");
       try
       {
         String questionQuery = "SELECT * FROM customer_information WHERE
accountNumber = ?";
         PreparedStatement secStmt = con.prepareStatement(questionQuery);
         secStmt.setString(1,accountNumber);
         ResultSet rsSec = secStmt.executeQuery();
         if(rsSec.next())
         {
          String secQ = rsSec.getString("securityQuestion");
          secA = rsSec.getString("securityAnswer");
          secQuestion.setText(secQ);
          securityPanel.setVisible(true);
```

```
}
   }
   catch (SQLException ex)
    {
      Logger.getLogger(ForgotPassword.class.getName()).log(Level.SEVERE, null, ex);
      JOptionPane.showMessageDialog(null, "Database error. Please try again.");
    }
}
else
catch (SQLException ex)
  Logger.getLogger(ForgotPassword.class.getName()).log(Level.SEVERE, null, ex);
  JOptionPane.showMessageDialog(null, "Database error occurred. Please try again.");
```

{

}

}

{

}

```
// TODO add your handling code here:
  }
  private void newConfirmPassActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void newPasswordActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void changePassActionPerformed(java.awt.event.ActionEvent evt) {
    String np = new String (newPassword.getPassword()).trim();
    String cp = new String (newConfirmPass.getPassword()).trim();
    if(np.equals(cp))
    {
      ChangePassword(np);
      JOptionPane.showMessageDialog(this, "Password updated successfully!");
      new Login().setVisible(true);
      resetPassword.setVisible(false);
    }
    else
    {
      JOptionPane.showMessageDialog(this,"The password and confirm password doesn't
match");
```

```
}
 }
  private void showPasswordActionPerformed(java.awt.event.ActionEvent evt) {
    if(showPassword.isSelected())
    {
      newConfirmPass.setEchoChar((char)0);
    }
    else
    {
     newConfirmPass.setEchoChar('*');
    }
 }
  private void showPass1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
 }
  private void ChangePassword(String np)
  {
    String newPass = np;
   try
    {
      PreparedStatement changePassStmt = con.prepareStatement("UPDATE
log_in_credentials SET accountPassword = ? WHERE accountNumber = ?");
```

```
changePassStmt.setString(1, newPass);
    changePassStmt.setString(2,accountNumber);
    int rowsUpdated = changePassStmt.executeUpdate();
    if (rowsUpdated > 0)
    {
      System.out.println("Password updated successfully!");
    }
    else
    {
      System.out.println("No account found with the specified ID.");
    }
  }
  catch (Exception e)
    e.printStackTrace(); // Handle the exception
  }
/**
* @param args the command line arguments
*/
public static void main(String args[]) {
  /* Set the Nimbus look and feel */
```

}

```
//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(ForgotPassword.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(ForgotPassword.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(ForgotPassword.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(ForgotPassword.class.getName()).log(java.util.logging.Level.S
EVERE, null, ex);
    }
```

```
//</editor-fold>
  /* Create and display the form */
  java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
      new ForgotPassword().setVisible(true);
    }
  });
}
// Variables declaration - do not modify
private javax.swing.JButton changePass;
private javax.swing.JButton enter;
private javax.swing.JTextField forgotEmail;
private javax.swing.JButton jButton1;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel6;
private javax.swing.JPasswordField newConfirmPass;
private javax.swing.JPasswordField newPassword;
private javax.swing.JFrame resetPassword;
private javax.swing.JLabel secQuestion;
private javax.swing.JPanel securityPanel;
```

```
private javax.swing.JTextField seqAnswer;
  private javax.swing.JCheckBox showPass1;
  private javax.swing.JCheckBox showPassword;
  // End of variables declaration
}
LANDING PAGE
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
import java.sql.SQLException;
import java.text.SimpleDateFormat;
import java.util.Date;
import java.util.logging.Level;
import java.util.logging.Logger;
import javax.swing.JOptionPane;
import javax.swing.Timer;
```

```
/**
* @author LENOVO
*/
public class LandingPage extends javax.swing.JFrame {
  /**
  * Creates new form LandingPage
  */
  public LandingPage() {
    initComponents();
   Connect();
   CheckReservationStatus();
   reservationStatusPanel.setVisible(false);
   showTime();
   showDate();
  }
  public void showDate()
 {
    Date date = new Date();
    SimpleDateFormat sdf = new SimpleDateFormat("EEEE, MMMM dd, yyyy");
    String dd = sdf.format(date);
      dateLabel.setText(dd);
  }
```

```
public void showTime()
{
  new Timer (0,new ActionListener()
  {
  public void actionPerformed(ActionEvent ae)
  {
    Date date = new Date();
    SimpleDateFormat sdf = new SimpleDateFormat("hh:mm:ss a");
    String time = sdf.format(date);
    timeLabel.setText(time);
  }
  }).start();
}
```

```
Connection con;
  public void Connect(){
    ConnectionClass connectionClass = new ConnectionClass();
    con = connectionClass.con;
 }
  public void CheckReservationStatus()
  {
    try
    {
      PreparedStatement checkReservationStatusPST = con.prepareStatement("SELECT *
FROM reservation_table WHERE idNumber = ?");
      checkReservationStatusPST.setString(1,accountNumberDisplay.getText().trim());
      ResultSet checkReservationStatusRS = checkReservationStatusPST.executeQuery();
      if (checkReservationStatusRS.next())
      {
        String bookingNumber = checkReservationStatusRS.getString("reservation number");
        bookARoomBtn.setVisible(false);
        reservationStatus.setText("Booking number: " + bookingNumber );
      }
      else
      {
        reservationStatus.setText("You have no current reservations under your account.");
        bookARoomBtn.setVisible(true);
```

```
}
  }
  catch (SQLException ex) {
    Logger.getLogger(LandingPage.class.getName()).log(Level.SEVERE, null, ex);
  }
}
/**
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  idNumber = new javax.swing.JLabel();
  jPanel1 = new javax.swing.JPanel();
  accountNumberDisplay = new javax.swing.JLabel();
  checkReservationBtn = new javax.swing.JButton();
  checkReservationBtn1 = new javax.swing.JButton();
  dateLabel = new javax.swing.JLabel();
  timeLabel = new javax.swing.JLabel();
  reservationStatusPanel = new javax.swing.JPanel();
  jLabel4 = new javax.swing.JLabel();
```

```
reservationStatus = new javax.swing.JLabel();
    bookARoomBtn = new javax.swing.JButton();
    jLabel1 = new javax.swing.JLabel();
    idNumber.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    idNumber.setOpaque(true);
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jPanel1.setBackground(new java.awt.Color(250, 255, 255,90));
accountNumberDisplay.setBorder(javax.swing.BorderFactory.createTitledBorder("ACCOUNT
NO."));
    checkReservationBtn.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
    checkReservationBtn.setText("Check Reservation");
    checkReservationBtn.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        checkReservationBtnActionPerformed(evt);
      }
    });
    checkReservationBtn1.setFont(new java.awt.Font("Segoe UI", 0, 14)); // NOI18N
    checkReservationBtn1.setText("Hotel Rates");
    checkReservationBtn1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
checkReservationBtn1ActionPerformed(evt);
      }
    });
    dateLabel.setBackground(new java.awt.Color(255, 255, 255));
    dateLabel.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    dateLabel.setText("Current Date:");
    dateLabel.setOpaque(true);
    timeLabel.setBackground(new java.awt.Color(255, 255, 255));
    timeLabel.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    timeLabel.setText("Current Time:");
    timeLabel.setOpaque(true);
    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    ¡Panel1.setLayout(¡Panel1Layout);
    jPanel1Layout.setHorizontalGroup(
      ¡Panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(24, 24, 24)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(timeLabel, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(dateLabel, javax.swing.GroupLayout.PREFERRED SIZE, 242,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 67,
Short.MAX VALUE)
```

```
.addComponent(checkReservationBtn1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(checkReservationBtn)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(accountNumberDisplay, javax.swing.GroupLayout.PREFERRED_SIZE,
129, javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap())
    );
   ¡Panel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap(javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(dateLabel)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(timeLabel))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
            .addComponent(checkReservationBtn, javax.swing.GroupLayout.PREFERRED SIZE,
36, javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(accountNumberDisplay,
javax.swing.GroupLayout.PREFERRED SIZE, 49, javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(checkReservationBtn1,
javax.swing.GroupLayout.PREFERRED SIZE, 36, javax.swing.GroupLayout.PREFERRED SIZE)))
        .addGap(27, 27, 27))
    );
```

```
getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 10,
740, 60));
    reservationStatusPanel.setBackground(new java.awt.Color(250, 255, 255,90));
    reservationStatusPanel.setBorder(javax.swing.BorderFactory.createLineBorder(new
java.awt.Color(0, 0, 0)));
    reservationStatusPanel.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jLabel4.setFont(new java.awt.Font("Century", 1, 24)); // NOI18N
    ¡Label4.setText("Reservation Status");
    reservationStatusPanel.add(jLabel4, new
org.netbeans.lib.awtextra.AbsoluteConstraints(120, 10, -1, -1));
    reservationStatus.setFont(new java.awt.Font("Arial", 0, 18)); // NOI18N
    reservationStatusPanel.add(reservationStatus, new
org.netbeans.lib.awtextra.AbsoluteConstraints(7, 82, 456, 290));
    bookARoomBtn.setBackground(new java.awt.Color(255, 255, 102));
    bookARoomBtn.setFont(new java.awt.Font("Century Gothic", 1, 18)); // NOI18N
    bookARoomBtn.setText("Book Now");
    bookARoomBtn.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        bookARoomBtnActionPerformed(evt);
      }
    });
    reservationStatusPanel.add(bookARoomBtn, new
org.netbeans.lib.awtextra.AbsoluteConstraints(290, 380, 170, 30));
```

```
getContentPane().add(reservationStatusPanel, new
org.netbeans.lib.awtextra.AbsoluteConstraints(150, 100, 470, 420));
    jLabel1.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel1.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/bgForLandingPage.png"))); //
NOI18N
    jLabel1.setText("jLabel1");
    getContentPane().add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
942, -1));
    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>
  private void checkReservationBtnActionPerformed(java.awt.event.ActionEvent evt) {
    CheckReservationStatus();
    reservationStatusPanel.setVisible(true);
 }
  private void checkReservationBtn1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void bookARoomBtnActionPerformed(java.awt.event.ActionEvent evt) {
    String accountNumber = accountNumberDisplay.getText().trim();
```

```
String reservationNumber = getReservationNumber();
   // method sa next page at pag lagay ng mga content na galing dito ang value
    toNextPage(accountNumber,reservationNumber);
  }
  private void toNextPage(String accountNumber,String reservationNumber)
  {
    TravelDateAndDestination instanceForTDAD = new TravelDateAndDestination();
    instanceForTDAD.idNumber.setText(accountNumber);
    instanceForTDAD.reservationNumber.setText(reservationNumber);
    instanceForTDAD.setVisible(true);
    this.dispose();
 }
  private String getReservationNumber() {
    String reservationNumber = null;
    String query = "SELECT reservation number FROM reservation table WHERE id = (SELECT
MAX(id) FROM reservation table)";
    try (PreparedStatement statement = con.prepareStatement(query); ResultSet resultSet =
statement.executeQuery()) {
      if (resultSet.next()) {
```

```
String lastReservationNumber = resultSet.getString("reservation number");
        String prefix = lastReservationNumber.substring(0, lastReservationNumber.length() - 5);
        String lastDigits = lastReservationNumber.substring(lastReservationNumber.length() -
5);
        int incrementedNumber = Integer.parseInt(lastDigits) + 1;
        String newReservationNumber = prefix + String.format("%05d", incrementedNumber);
        reservationNumber = newReservationNumber;
        System.out.println("Reservation Number: " + reservationNumber);
      }
      else
      {
        System.out.println("No reservation number found for the last inserted ID.");
      }
    } catch (SQLException e) {
      System.err.println("Error retrieving reservation number: " + e.getMessage());
    }
    return reservationNumber; // Returns the reservation number or null if not found
  }
```

```
/**
  * @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(LandingPage.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(LandingPage.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(LandingPage.class.getName()).log(java.util.logging.Level.SEVE) \\
RE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(LandingPage.class.getName()).log(java.util.logging.Level.SEVE
RE, null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
        new LandingPage().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  public javax.swing.JLabel accountNumberDisplay;
  private javax.swing.JButton bookARoomBtn;
  private javax.swing.JButton checkReservationBtn;
  private javax.swing.JButton checkReservationBtn1;
  public javax.swing.JLabel dateLabel;
  public javax.swing.JLabel idNumber;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel4;
  private javax.swing.JPanel jPanel1;
```

```
private javax.swing.JLabel reservationStatus;
  private javax.swing.JPanel reservationStatusPanel;
  private javax.swing.JLabel timeLabel;
  // End of variables declaration
}
TRAVEL DATE AND DESTINATION
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.time.LocalDate;
import java.time.Zoneld;
import java.time.temporal.ChronoUnit;
import java.util.Calendar;
import java.util.Date;
import javax.swing.JOptionPane;
* @author LENOVO
*/
public class TravelDateAndDestination extends javax.swing.JFrame {
```

```
/**
* Creates new form TravelDateAndDestination
*/
public TravelDateAndDestination() {
  initComponents();
  restrictDate();
}
/**
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  buttonGroupDestination = new javax.swing.ButtonGroup();
  jPanel1 = new javax.swing.JPanel();
  jPanel2 = new javax.swing.JPanel();
  jLabel4 = new javax.swing.JLabel();
  jLabel14 = new javax.swing.JLabel();
  jLabel2 = new javax.swing.JLabel();
  ¡Label3 = new javax.swing.JLabel();
  jLabel1 = new javax.swing.JLabel();
  jLabel6 = new javax.swing.JLabel();
```

```
jLabel5 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jPanel3 = new javax.swing.JPanel();
international = new javax.swing.JRadioButton();
local = new javax.swing.JRadioButton();
pickedDestination = new javax.swing.JComboBox<>();
jPanel5 = new javax.swing.JPanel();
jButton1 = new javax.swing.JButton();
jLabel9 = new javax.swing.JLabel();
idNumber = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
reservationNumber = new javax.swing.JLabel();
jPanel6 = new javax.swing.JPanel();
chckin = new com.toedter.calendar.JDateChooser();
¡Panel7 = new javax.swing.JPanel();
chckOut = new com.toedter.calendar.JDateChooser();
¡Button3 = new javax.swing.JButton();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jPanel1.setBackground(new java.awt.Color(17, 28, 78));
jPanel2.setBackground(new java.awt.Color(176, 25, 25));
jPanel2.setBorder(new javax.swing.border.MatteBorder(null));
```

```
jLabel4.setBackground(new java.awt.Color(97, 141, 194));
    jLabel4.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel4.setForeground(new java.awt.Color(97, 141, 194));
    jLabel4.setText("SIESTA HOTEL");
    jLabel14.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/LOGO
ICON.jpg"))); // NOI18N
    jLabel14.setMaximumSize(new java.awt.Dimension(100, 100));
    jLabel14.setMinimumSize(new java.awt.Dimension(50, 50));
    jLabel14.setPreferredSize(new java.awt.Dimension(100, 100));
    jLabel2.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
    jLabel2.setForeground(new java.awt.Color(255, 255, 255));
    jLabel2.setText("W");
    jLabel3.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(255, 255, 255));
    jLabel3.setText("E");
    jLabel1.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
    jLabel1.setForeground(new java.awt.Color(255, 255, 255));
    jLabel1.setText("L");
    jLabel6.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
    jLabel6.setForeground(new java.awt.Color(255, 255, 255));
    jLabel6.setText("C");
```

```
jLabel5.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
   jLabel5.setForeground(new java.awt.Color(255, 255, 255));
    ¡Label5.setText("O");
    jLabel7.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
   jLabel7.setForeground(new java.awt.Color(255, 255, 255));
    ¡Label7.setText("M");
    jLabel8.setFont(new java.awt.Font("Century", 1, 36)); // NOI18N
    jLabel8.setForeground(new java.awt.Color(255, 255, 255));
    ¡Label8.setText("E");
    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
   jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(
      ¡Panel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addContainerGap(21, Short.MAX VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel4)
          .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 109,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(15, 15, 15))
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(54, 54, 54)
```

```
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
          .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jLabel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jLabel1, javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED SIZE, 36,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
   ¡Panel2Layout.setVerticalGroup(
      ¡Panel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT SIZE, 60,
Short.MAX VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(jLabel3)
        .addGap(5, 5, 5)
        .addComponent(jLabel1, javax.swing.GroupLayout.DEFAULT SIZE, 60,
Short.MAX VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT SIZE, 60,
Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel5, javax.swing.GroupLayout.DEFAULT SIZE, 60,
Short.MAX VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel7, javax.swing.GroupLayout.DEFAULT SIZE, 57,
Short.MAX_VALUE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED SIZE, 55,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(31, 31, 31))
    );
    jPanel3.setBackground(new java.awt.Color(17, 28, 78));
    jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "DESTINATION",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT POSITION, new java.awt.Font("Century", 1, 14), new
java.awt.Color(255, 255, 255))); // NOI18N
    buttonGroupDestination.add(international);
    international.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    international.setForeground(new java.awt.Color(255, 255, 255));
    international.setText("International");
    international.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {
        internationalActionPerformed(evt);
      }
    });
    buttonGroupDestination.add(local);
    local.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    local.setForeground(new java.awt.Color(255, 255, 255));
    local.setText("Local");
    local.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        localActionPerformed(evt);
      }
    });
    pickedDestination.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] {
"Choose your destination" }));
    pickedDestination.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        pickedDestinationActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
    jPanel3.setLayout(jPanel3Layout);
    jPanel3Layout.setHorizontalGroup(
      jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel3Layout.createSequentialGroup()
        .addContainerGap(40, Short.MAX VALUE)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(pickedDestination, javax.swing.GroupLayout.PREFERRED_SIZE, 172,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addGroup(jPanel3Layout.createSequentialGroup()
            .addComponent(local, javax.swing.GroupLayout.PREFERRED SIZE, 63,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(international)))
        .addGap(29, 29, 29))
    );
    jPanel3Layout.setVerticalGroup(
      ¡Panel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(11, 11, 11)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(international)
          .addComponent(local))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(pickedDestination, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(18, Short.MAX VALUE))
    );
    jPanel5.setBackground(new java.awt.Color(17, 28, 78));
```

```
jPanel5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0,
0)));
    jButton1.setText("LOG-OUT");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
      }
    });
    jLabel9.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel9.setForeground(new java.awt.Color(255, 255, 255));
    jLabel9.setText("RESERVATION #");
    idNumber.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
    idNumber.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    idNumber.setOpaque(true);
    jLabel11.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel11.setForeground(new java.awt.Color(255, 255, 255));
    jLabel11.setText("ID NUMBER :");
    reservationNumber.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
    reservationNumber.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    reservationNumber.setOpaque(true);
    javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
```

```
jPanel5.setLayout(jPanel5Layout);
    jPanel5Layout.setHorizontalGroup(
      ¡Panel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel5Layout.createSequentialGroup()
        .addGap(40, 40, 40)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(6, 6, 6)
            .addComponent(reservationNumber, javax.swing.GroupLayout.PREFERRED SIZE,
96, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 80,
Short.MAX VALUE)
            .addComponent(idNumber, javax.swing.GroupLayout.PREFERRED SIZE, 96,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(38, 38, 38)
            .addComponent(jButton1)
            .addGap(21, 21, 21))
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(52, 52, 52)
            .addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))
    );
    ¡Panel5Layout.setVerticalGroup(
      ¡Panel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel5Layout.createSequentialGroup()
```

```
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addContainerGap()
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel11, javax.swing.GroupLayout.Alignment.TRAILING)
              .addComponent(jLabel9))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(idNumber, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(reservationNumber, javax.swing.GroupLayout.PREFERRED_SIZE,
38, javax.swing.GroupLayout.PREFERRED_SIZE)))
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(31, 31, 31)
            .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(24, Short.MAX VALUE))
    );
    jPanel6.setBackground(new java.awt.Color(17, 28, 78));
    jPanel6.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "CHECK-IN DATE",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT POSITION, new java.awt.Font("Century", 1, 14), new
java.awt.Color(255, 255, 255))); // NOI18N
    ¡Panel6.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    chckIn.addPropertyChangeListener(new java.beans.PropertyChangeListener() {
```

```
public void propertyChange(java.beans.PropertyChangeEvent evt) {
        chckInPropertyChange(evt);
      }
    });
    jPanel6.add(chckIn, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 80, 180, -1));
    jPanel7.setBackground(new java.awt.Color(17, 28, 78));
    jPanel7.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "CHECK-OUT DATE",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT POSITION, new java.awt.Font("Century", 1, 14), new
java.awt.Color(255, 255, 255))); // NOI18N
    jPanel7.setPreferredSize(new java.awt.Dimension(127, 217));
    jPanel7.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    chckOut.addPropertyChangeListener(new java.beans.PropertyChangeListener() {
      public void propertyChange(java.beans.PropertyChangeEvent evt) {
        chckOutPropertyChange(evt);
      }
    });
    ¡Panel7.add(chckOut, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 80, 180, -1));
    jButton3.setText("NEXT >>");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        ¡Button3ActionPerformed(evt);
      }
    });
```

```
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    ¡Panel1Layout.setHorizontalGroup(
      ¡Panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(139, 139, 139)
            .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
            .addContainerGap())
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel1Layout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 37,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel1Layout.createSequentialGroup()
                .addComponent(jButton3)
                .addGap(73, 73, 73))
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                  .addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED SIZE, 211,
javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGap(28, 28, 28)
                    .addComponent(jPanel7, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
                  .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
                .addGap(39, 39, 39))))))
   );
   iPanel1Layout.setVerticalGroup(
      ¡Panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap(23, Short.MAX VALUE)
        .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(24, 24, 24)
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(42, 42, 42)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
          .addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
          .addComponent(jPanel7, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addGap(36, 36, 36)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addGap(22, 22, 22))
    );
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1,
-1));
    pack();
    setLocationRelativeTo(null);
  }// </editor-fold>
  private void localActionPerformed(java.awt.event.ActionEvent evt) {
    pickedDestination.removeAllItems();
    pickedDestination.addItem("Baguio");
    pickedDestination.addItem("Boracay");
    pickedDestination.addItem("El Nido");
    pickedDestination.addItem("Siargao");
  }
  private void restrictDate() {
    Calendar calendar = Calendar.getInstance();
    // Get today's date and set it to tomorrow
    calendar.add(Calendar.DAY OF YEAR, 1); // Increment by 1 day to get tomorrow
    Date tomorrow = calendar.getTime();
```

```
// Calculate the date 1 year from tomorrow
    calendar.add(Calendar.YEAR, 1); // Add 1 year to tomorrow
    Date oneYearLater = calendar.getTime();
    // Assuming chckIn is a date picker
    chckIn.setMinSelectableDate(tomorrow); // Set min date for check-in to tomorrow
    chckln.setMaxSelectableDate(oneYearLater); // Set max date for check-in to 1 year from
tomorrow
    // Get the selected check-in date (if any)
    Date checkInDate = chckIn.getDate(); // Make sure chckIn.getDate() is valid
    if (checkInDate != null) {
      // Calculate the check-out date as the next day
      calendar.setTime(checkInDate);
      calendar.add(Calendar.DAY_OF_YEAR, 1); // Add 1 day to check-in date
      Date checkOutMinDate = calendar.getTime(); // Check-out min date is next day of check-
in
      // Set min and max selectable dates for check-out
      chckOut.setMinSelectableDate(checkOutMinDate); // Check-out date cannot be before
check-in + 1 day
      chckOut.setMaxSelectableDate(oneYearLater); // Check-out date cannot be more than
1 year from check-in
    }
```

```
private void pickedDestinationActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
String destination;
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
  StringBuilder errorMessages = new StringBuilder();
  try
  {
    // Get and validate destination type and destination
    String destinationType = getValidDestinationType(errorMessages);
    destination = getValidDestination(errorMessages);
    // Convert check-in and check-out dates to LocalDate
    Date checkInDateUtil = chckIn.getDate();
    Date checkOutDateUtil = chckOut.getDate();
```

}

```
if (checkInDateUtil == null || checkOutDateUtil == null)
      {
        errorMessages.append("Please select both Check-in and Check-out dates.\n");
      }
      else
      {
        LocalDate chInDate =
check In Date Util. to Instant (). at Zone (Zone Id. system Default ()). to Local Date ();\\
        LocalDate chOutDate =
checkOutDateUtil.toInstant().atZone(ZoneId.systemDefault()).toLocalDate();
        // Validate check-in date
        if (!isValidCheckInDate(errorMessages, chInDate))
        {
           errorMessages.append("Invalid Check-in Date! Please select tomorrow or later.\n");
        }
        // Validate check-out date
        if (!chOutDate.isAfter(chInDate))
        {
           errorMessages.append("Invalid Check-out Date! Please select a date at least one day
after the check-in date.\n");
        }
        else {
           System.out.println("Valid Check-out Date: " + chOutDate);
           // Calculate the season if dates are valid
           if (errorMessages.length() == 0) { // Proceed only if no errors
```

```
String season = determineSeason(chInDate);
            long numberOfDays = ChronoUnit.DAYS.between(chInDate, chOutDate);
            System.out.println("Number of days between check-in and check-out: " +
numberOfDays);
            // Open next screen
            toNextPage(season,destination,numberOfDays);
            return; // End the method here to avoid showing error messages
          }
        }
      }
      // Show error messages if any
      if (errorMessages.length() > 0) {
        JOptionPane.showMessageDialog(this, errorMessages.toString(), "Validation Errors",
JOptionPane.ERROR_MESSAGE);
      }
    }
    catch (Exception e)
    {
      JOptionPane.showMessageDialog(this, "An unexpected error occurred: " +
e.getMessage(), "Error", JOptionPane.ERROR MESSAGE);
    }
    }
```

```
private void toNextPage(String season,String Destination,long numberOfDays)
{
  numOfGuests instancesForNOG = new numOfGuests();
  instancesForNOG.reservationNum.setText(reservationNumber.getText());
  instancesForNOG.idNumber.setText(idNumber.getText());
  instancesForNOG.season.setText(season);
  instancesForNOG.destination.setText(Destination);
  instancesForNOG.getValue(numberOfDays);
  instancesForNOG.setVisible(true);
  this.dispose();
}
private void internationalActionPerformed(java.awt.event.ActionEvent evt) {
  pickedDestination.removeAllItems();
  pickedDestination.addItem("Hong Kong");
  pickedDestination.addItem("Japan");
  pickedDestination.addItem("Singapore");
  pickedDestination.addItem("South Korea");
}
private void chckInPropertyChange(java.beans.PropertyChangeEvent evt) {
```

```
// Check if the property change is for the date (this assumes evt.getPropertyName() is
"date")
    if ("date".equals(evt.getPropertyName())) {
      // Get the selected check-in date
      Date checkInDate = (Date) evt.getNewValue(); // Retrieve the new selected date
      // If the check-in date is not null, adjust the check-out date's restrictions
      if (checkInDate != null) {
        Calendar calendar = Calendar.getInstance();
        calendar.setTime(checkInDate);
        // Calculate the check-out date as the next day
        calendar.add(Calendar.DAY_OF_YEAR, 1); // Add 1 day to check-in date
        Date checkOutMinDate = calendar.getTime(); // Check-out min date is next day of
check-in
        // Calculate the max check-out date (1 year from the selected check-in date)
        calendar.add(Calendar.YEAR, 1); // Add 1 year to check-in date
        Date oneYearLater = calendar.getTime();
        // Set the restrictions for check-out date
        chckOut.setMinSelectableDate(checkOutMinDate); // Minimum selectable date is the
next day
        chckOut.setMaxSelectableDate(oneYearLater); // Maximum selectable date is 1 year
later
        // Enable the check-out date picker
        chckOut.setEnabled(true);
```

```
} else {
      // If no check-in date is selected, disable the check-out date picker
      chckOut.setEnabled(false);
    }
  }
}
private void chckOutPropertyChange(java.beans.PropertyChangeEvent evt) {
  Date checkInDate = chckIn.getDate();
  Date checkOutDate = chckOut.getDate();
  if (checkInDate != null && checkOutDate != null) {
    if (checkOutDate.before(checkInDate)) {
      JOptionPane.showMessageDialog(null,
           "Check-out date cannot be earlier than check-in date.",
           "Invalid Date",
           JOptionPane.ERROR MESSAGE);
      chckOut.setDate(null); // Reset check-out date
    }
  }
}
public static String determineSeason(LocalDate checkInLocalDate) {
 // Define the start and end dates for each season
  LocalDate leanStart = LocalDate.of(checkInLocalDate.getYear(), 6, 1);
  LocalDate leanEnd = LocalDate.of(checkInLocalDate.getYear(), 10, 31);
  LocalDate highStart = LocalDate.of(checkInLocalDate.getYear(), 11, 1);
```

```
LocalDate highEnd = LocalDate.of(checkInLocalDate.getYear(), 12, 19);
    LocalDate peakStart = LocalDate.of(checkInLocalDate.getYear(), 3, 1);
    LocalDate peakEnd = LocalDate.of(checkInLocalDate.getYear(), 6, 3);
    LocalDate superPeakStart = LocalDate.of(checkInLocalDate.getYear(), 12, 20);
    LocalDate superPeakEnd = LocalDate.of(checkInLocalDate.getYear() + 1, 1, 5);
    // Determine the season based on the check-in date
    if ((checkInLocalDate.isEqual(leanStart) | | checkInLocalDate.isAfter(leanStart)) &&
checkInLocalDate.isBefore(leanEnd)) {
      return "Lean Season";
    } else if ((checkInLocalDate.isEqual(highStart) | | checkInLocalDate.isAfter(highStart)) &&
checkInLocalDate.isBefore(highEnd)) {
      return "High Season";
    } else if ((checkInLocalDate.isEqual(peakStart) || checkInLocalDate.isAfter(peakStart)) &&
checkInLocalDate.isBefore(peakEnd)) {
      return "Peak Season";
    } else if ((checkInLocalDate.isEqual(superPeakStart) | |
checkInLocalDate.isAfter(superPeakStart)) && checkInLocalDate.isBefore(superPeakEnd)) {
      return "Super Peak Season";
    }
    // If no match for defined seasons, default to "Off Season"
    return "Off Season"; // Default season if no other match
  }
  private String getValidDestinationType(StringBuilder errorMessages)
  {
    if(local.isSelected())
    {
```

```
return "Local";
  }
  else if (international.isSelected())
  {
    return "International";
  }
  else
  {
    errorMessages.append(errorMessages).append("Please pick destination type\n");
    return null;
  }
}
private String getValidDestination (StringBuilder errorMessages)
{
  if (pickedDestination == null)
  {
    errorMessages.append(errorMessages).append("Please pick destination \n");
    return null;
  }
  else
  {
    return pickedDestination.getSelectedItem().toString();
  }
}
```

```
private static boolean isValidCheckInDate(StringBuilder errorMessages, LocalDate
checkInDate) {
    // Get today's date and set time to 00:00:00 for comparison
    Calendar calendar = Calendar.getInstance();
    calendar.setTime(new Date());
    calendar.set(Calendar.HOUR OF DAY, 0);
    calendar.set(Calendar.MINUTE, 0);
    calendar.set(Calendar.SECOND, 0);
    calendar.set(Calendar.MILLISECOND, 0);
    Date today = calendar.getTime();
    // Get tomorrow's date
    calendar.add(Calendar.DAY OF YEAR, 1);
    LocalDate currentDate = LocalDate.now();
    // Check if the checkInDate is tomorrow or later
    return !checkInDate.isBefore(currentDate);
  }
  /* @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
```

```
* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
               */
             try {
                    for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
                          if ("Nimbus".equals(info.getName())) {
                                javax.swing.UIManager.setLookAndFeel(info.getClassName());
                                break;
                          }
                    }
             } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(TravelDateAndDestination.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
             } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(TravelDateAndDestination.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
             } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger (TravelDateAndDestination.class.getName ()).log(java.util.logging) and the properties of the properti
ng.Level.SEVERE, null, ex);
             } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(TravelDateAndDestination.class.getName()).log(java.util.loggi
ng.Level.SEVERE, null, ex);
            }
            //</editor-fold>
```

```
/* Create and display the form */
  java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
      new TravelDateAndDestination().setVisible(true);
    }
  });
}
// Variables declaration - do not modify
private javax.swing.ButtonGroup buttonGroupDestination;
private com.toedter.calendar.JDateChooser chckIn;
private com.toedter.calendar.JDateChooser chckOut;
public javax.swing.JLabel idNumber;
private javax.swing.JRadioButton international;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton3;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel5;
private javax.swing.JLabel jLabel6;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
```

```
private javax.swing.JPanel jPanel2;
  private javax.swing.JPanel jPanel3;
  private javax.swing.JPanel jPanel5;
  private javax.swing.JPanel jPanel6;
  private javax.swing.JPanel jPanel7;
  private javax.swing.JRadioButton local;
  private javax.swing.JComboBox<String> pickedDestination;
  public javax.swing.JLabel reservationNumber;
  // End of variables declaration
}
NUMBER OF GUESTS
/*
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.util.Arrays;
import javax.swing.JComboBox;
import javax.swing.JOptionPane;
* @author LENOVO
*/
```

private javax.swing.JPanel jPanel1;

```
public class numOfGuests extends javax.swing.JFrame {
  /**
  * Creates new form numOfGuests
  */
  public numOfGuests() {
    initComponents();
    childAgedisplay(cgc);
  }
  /**
  * This method is called from within the constructor to initialize the form.
  * WARNING: Do NOT modify this code. The content of this method is always
  * regenerated by the Form Editor.
  */
  @SuppressWarnings("unchecked")
  // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {
    jPanel1 = new javax.swing.JPanel();
    jPanel2 = new javax.swing.JPanel();
    jLabel4 = new javax.swing.JLabel();
    jLabel14 = new javax.swing.JLabel();
    jPanel3 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    jLabel2 = new javax.swing.JLabel();
```

```
adultGuestsCount = new javax.swing.JTextField();
jButton2 = new javax.swing.JButton();
¡Button4 = new javax.swing.JButton();
childGuestsCount = new javax.swing.JTextField();
jButton5 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
jPanel5 = new javax.swing.JPanel();
jButton1 = new javax.swing.JButton();
jLabel9 = new javax.swing.JLabel();
idNumber = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
reservationNum = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
destination = new javax.swing.JLabel();
jLabel15 = new javax.swing.JLabel();
season = new javax.swing.JLabel();
jPanel6 = new javax.swing.JPanel();
childLabel1 = new javax.swing.JLabel();
childLabel2 = new javax.swing.JLabel();
childLabel3 = new javax.swing.JLabel();
childLabel4 = new javax.swing.JLabel();
childLabel5 = new javax.swing.JLabel();
childLabel6 = new javax.swing.JLabel();
childAge1 = new javax.swing.JComboBox<>();
childLabel7 = new javax.swing.JLabel();
childLabel8 = new javax.swing.JLabel();
childLabel9 = new javax.swing.JLabel();
```

```
childAge2 = new javax.swing.JComboBox<>();
    childAge3 = new javax.swing.JComboBox<>();
    childAge6 = new javax.swing.JComboBox<>();
    childAge5 = new javax.swing.JComboBox<>();
    childAge4 = new javax.swing.JComboBox<>();
    childAge9 = new javax.swing.JComboBox<>();
    childAge8 = new javax.swing.JComboBox<>();
    childAge7 = new javax.swing.JComboBox<>();
    jButton3 = new javax.swing.JButton();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    jPanel1.setBackground(new java.awt.Color(17, 28, 78));
    jPanel2.setBackground(new java.awt.Color(176, 25, 25));
    iPanel2.setBorder(new javax.swing.border.MatteBorder(null));
    jLabel4.setBackground(new java.awt.Color(97, 141, 194));
    jLabel4.setFont(new java.awt.Font("Century", 1, 14)); // NOI18N
    jLabel4.setForeground(new java.awt.Color(97, 141, 194));
    jLabel4.setText("SIESTA HOTEL");
    jLabel14.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/LOGO
ICON.jpg"))); // NOI18N
    jLabel14.setMaximumSize(new java.awt.Dimension(100, 100));
    jLabel14.setMinimumSize(new java.awt.Dimension(50, 50));
    jLabel14.setPreferredSize(new java.awt.Dimension(100, 100));
```

```
¡Panel2.setLayout(¡Panel2Layout);
    jPanel2Layout.setHorizontalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
        .addContainerGap(21, Short.MAX VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel4)
          .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED SIZE, 109,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(15, 15, 15))
    );
    ¡Panel2Layout.setVerticalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel14, javax.swing.GroupLayout.PREFERRED_SIZE, 113,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel4, javax.swing.GroupLayout.PREFERRED SIZE, 17,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(14, Short.MAX VALUE))
    );
    jPanel3.setBackground(new java.awt.Color(17, 28, 78));
```

javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);

```
jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Number Of Guests", javax.swing.border.TitledBorder.DEFAULT_JUSTIFICATION, javax.swing.border.TitledBorder.DEFAULT_POSITION, new java.awt.Font("Century", 1, 14), new java.awt.Color(255, 255, 255))); // NOI18N
```

```
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("Adult Guests :");
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("Child Guests:");
adultGuestsCount.setEditable(false);
adultGuestsCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
adultGuestsCount.setText("0");
adultGuestsCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    adultGuestsCountActionPerformed(evt);
  }
});
¡Button2.setText("+");
jButton2.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton2ActionPerformed(evt);
  }
});
```

```
jButton4.setText("-");
jButton4.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton4ActionPerformed(evt);
  }
});
childGuestsCount.setEditable(false);
childGuestsCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
childGuestsCount.setText("0");
jButton5.setText("-");
jButton5.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton5ActionPerformed(evt);
  }
});
jButton6.setText("+");
jButton6.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton6ActionPerformed(evt);
  }
});
javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
```

```
jPanel3.setLayout(jPanel3Layout);
   jPanel3Layout.setHorizontalGroup(
      ¡Panel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel3Layout.createSequentialGroup()
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(12, 12, 12)
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(adultGuestsCount, javax.swing.GroupLayout.PREFERRED SIZE,
71, javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton4, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(jPanel3Layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel2, javax.swing.GroupLayout.DEFAULT SIZE, 151,
Short.MAX_VALUE)
            .addGap(37, 37, 37)
            .addComponent(childGuestsCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton5, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(jButton6, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addGap(26, 26, 26))
    );
   ¡Panel3Layout.setVerticalGroup(
      jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel3Layout.createSequentialGroup()
        .addContainerGap(93, Short.MAX VALUE)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel1)
          .addComponent(adultGuestsCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(jButton2)
          .addComponent(jButton4))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 60,
Short.MAX_VALUE)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(childGuestsCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(jLabel2)
          .addComponent(jButton5)
          .addComponent(jButton6))
        .addGap(125, 125, 125))
    );
    jPanel5.setBackground(new java.awt.Color(17, 28, 78));
```

```
jPanel5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0,
0)));
    jButton1.setText("LOG-OUT");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton1ActionPerformed(evt);
      }
    });
    jLabel9.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel9.setForeground(new java.awt.Color(255, 255, 255));
    jLabel9.setText("RESERVATION #");
    idNumber.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    idNumber.setOpaque(true);
    jLabel11.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel11.setForeground(new java.awt.Color(255, 255, 255));
    jLabel11.setText("ID NUMBER :");
    reservationNum.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    reservationNum.setOpaque(true);
    jLabel13.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel13.setForeground(new java.awt.Color(255, 255, 255));
    jLabel13.setText("DESTINATION:");
```

```
destination.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    destination.setOpaque(true);
    jLabel15.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
   jLabel15.setForeground(new java.awt.Color(255, 255, 255));
    ¡Label15.setText("SEASON");
    season.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    season.setOpaque(true);
    javax.swing.GroupLayout jPanel5Layout = new javax.swing.GroupLayout(jPanel5);
    jPanel5.setLayout(jPanel5Layout);
    jPanel5Layout.setHorizontalGroup(
      jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel5Layout.createSequentialGroup()
        .addGap(40, 40, 40)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(6, 6, 6)
            .addComponent(reservationNum, javax.swing.GroupLayout.PREFERRED SIZE, 96,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addGap(26, 26, 26)
```

.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```
.addComponent(jLabel11, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(idNumber, javax.swing.GroupLayout.PREFERRED_SIZE, 96,
javax.swing.GroupLayout.PREFERRED SIZE))
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(destination, javax.swing.GroupLayout.PREFERRED SIZE, 96,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addGap(6, 6, 6)
            .addComponent(season, javax.swing.GroupLayout.PREFERRED SIZE, 96,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 39,
Short.MAX VALUE)
            .addComponent(jButton1)
            .addGap(21, 21, 21))
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addComponent(jLabel15, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))))
    );
```

```
jPanel5Layout.setVerticalGroup(
      jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel5Layout.createSequentialGroup()
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel5Layout.createSequentialGroup()
            .addContainerGap()
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel9)
              .addComponent(jLabel11)
              .addComponent(jLabel13)
              .addComponent(jLabel15))
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addGroup(jPanel5Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel5Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                  .addComponent(idNumber, javax.swing.GroupLayout.PREFERRED_SIZE, 38,
javax.swing.GroupLayout.PREFERRED SIZE)
                  .addComponent(reservationNum,
javax.swing.GroupLayout.PREFERRED SIZE, 38, javax.swing.GroupLayout.PREFERRED SIZE)
                  .addComponent(destination, javax.swing.GroupLayout.PREFERRED SIZE, 38,
javax.swing.GroupLayout.PREFERRED SIZE)))
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel5Layout.createSequentialGroup()
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
```

```
.addComponent(season, javax.swing.GroupLayout.PREFERRED SIZE, 38,
javax.swing.GroupLayout.PREFERRED_SIZE)
                 .addGap(1, 1, 1))))
          .addGroup(jPanel5Layout.createSequentialGroup()
             .addGap(31, 31, 31)
             .addComponent(jButton1, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(24, Short.MAX VALUE))
    );
    jPanel6.setBackground(new java.awt.Color(17, 28, 78));
    jPanel6.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Child Age",
javax.swing.border.TitledBorder.DEFAULT JUSTIFICATION,
javax.swing.border.TitledBorder.DEFAULT_POSITION, new java.awt.Font("Century", 1, 14), new
java.awt.Color(255, 255, 255))); // NOI18N
    iPanel6.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    childLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel1.setForeground(new java.awt.Color(255, 255, 255));
    childLabel1.setText("Child #1");
    jPanel6.add(childLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 37, -1, -
1));
    childLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel2.setForeground(new java.awt.Color(255, 255, 255));
    childLabel2.setText("Child #2");
    jPanel6.add(childLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 40, -1, -
1));
```

```
childLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel3.setForeground(new java.awt.Color(255, 255, 255));
    childLabel3.setText("Child #3");
    ¡Panel6.add(childLabel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 37, -1, -
1));
    childLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel4.setForeground(new java.awt.Color(255, 255, 255));
    childLabel4.setText("Child #4");
    jPanel6.add(childLabel4, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 150, -1, -
1));
    childLabel5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel5.setForeground(new java.awt.Color(255, 255, 255));
    childLabel5.setText("Child #5");
    jPanel6.add(childLabel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 150, -1, -
1));
    childLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel6.setForeground(new java.awt.Color(255, 255, 255));
    childLabel6.setText("Child #6");
    jPanel6.add(childLabel6, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 150, -1, -
1));
    childAge1.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
```

```
}
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge1PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge1.addMouseListener(new java.awt.event.MouseAdapter() {
      public void mouseClicked(java.awt.event.MouseEvent evt) {
        childAge1MouseClicked(evt);
      }
    });
    childAge1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge1ActionPerformed(evt);
      }
    });
    childAge1.addPropertyChangeListener(new java.beans.PropertyChangeListener() {
      public void propertyChange(java.beans.PropertyChangeEvent evt) {
        childAge1PropertyChange(evt);
      }
    });
    jPanel6.add(childAge1, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 73, 60, 37));
    childLabel7.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel7.setForeground(new java.awt.Color(255, 255, 255));
    childLabel7.setText("Child #7");
    jPanel6.add(childLabel7, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 264, -1, -
1));
```

```
childLabel8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel8.setForeground(new java.awt.Color(255, 255, 255));
    childLabel8.setText("Child #8");
    jPanel6.add(childLabel8, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 260, -1, -
1));
    childLabel9.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    childLabel9.setForeground(new java.awt.Color(255, 255, 255));
    childLabel9.setText("Child #9");
    jPanel6.add(childLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 264, -1, -
1));
    childAge2.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge2PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge2.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge2ActionPerformed(evt);
      }
    });
```

```
jPanel6.add(childAge2, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 70, 60,
37));
    childAge3.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge3PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge3.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge3ActionPerformed(evt);
      }
    });
    jPanel6.add(childAge3, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 73, 60,
37));
    childAge6.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge6PopupMenuWillBecomeVisible(evt);
      }
```

```
});
    childAge6.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge6ActionPerformed(evt);
      }
    });
    ¡Panel6.add(childAge6, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 174, 60,
37));
    childAge5.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge5PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge5.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge5ActionPerformed(evt);
      }
    });
    jPanel6.add(childAge5, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 170, 60,
37));
    childAge4.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
```

```
}
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge4PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge4.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge4ActionPerformed(evt);
      }
    });
    jPanel6.add(childAge4, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 174, 60,
37));
    childAge9.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge9PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge9.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge9ActionPerformed(evt);
```

```
}
    });
    jPanel6.add(childAge9, new org.netbeans.lib.awtextra.AbsoluteConstraints(338, 288, 60,
37));
    childAge8.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
        childAge8PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge8.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge8ActionPerformed(evt);
      }
    });
    jPanel6.add(childAge8, new org.netbeans.lib.awtextra.AbsoluteConstraints(190, 290, 60,
37));
    childAge7.addPopupMenuListener(new javax.swing.event.PopupMenuListener() {
      public void popupMenuCanceled(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeInvisible(javax.swing.event.PopupMenuEvent evt) {
      }
      public void popupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent evt) {
```

```
childAge7PopupMenuWillBecomeVisible(evt);
      }
    });
    childAge7.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        childAge7ActionPerformed(evt);
      }
    });
    jPanel6.add(childAge7, new org.netbeans.lib.awtextra.AbsoluteConstraints(31, 288, 60,
37));
    jButton3.setText("NEXT >>");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(35, 35, 35)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(12, 12, 12)
```

```
.addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(44, 44, 44)
            .addComponent(jPanel6, javax.swing.GroupLayout.PREFERRED SIZE, 439,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(0, 0, Short.MAX VALUE))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX VALUE)
            .addComponent(jButton3)))
        .addContainerGap())
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(34, 34, 34)
        .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(0, 87, Short.MAX_VALUE))
   );
   jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(27, 27, 27)
            .addComponent(jPanel5, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)))
```

```
.addGap(38, 38, 38)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
          .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addComponent(jPanel6, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
        .addComponent(jButton3, javax.swing.GroupLayout.PREFERRED_SIZE, 33,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(22, 22, 22))
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
    );
```

pack();

}// </editor-fold>

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
int durationOfStay;
public void getValue(long numberOfDays) {
  durationOfStay = (int) numberOfDays;
}
private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
  if(agc != 0)
  { String dest = destination.getText();
    String ssn = season.getText();
    String to = destination.getText();
    String destinationType = determineDestinationType(to);
    int adultGuests = Integer.parseInt(adultGuestsCount.getText());
    int childGuests = Integer.parseInt(childGuestsCount.getText());
    int[] numAgeOfChild = new int[childGuests]; // total quantity of child
    int[] paidChildArray = new int[childGuests];
```

```
int[] freeChildArray = new int[childGuests];
      System.out.println("Selected Ages: " + Arrays.toString(Arrays.copyOf(numAgeOfChild,
numAgeOfChild.length)));
      JComboBox<String>[] childAgeSelectors = new JComboBox[]{
        childAge1, childAge2, childAge3, childAge4, childAge5,
        childAge6, childAge7, childAge8, childAge9
      };
      String reservationNumber = reservationNum.getText();
      String idNum = idNumber.getText();
      // Call the RecommendationClass to process the guests and child ages
      RecommendationClass recommendation = new RecommendationClass();
      recommendation.processGuests(dest,adultGuests, childGuests, childAgeSelectors,
destinationType, ssn,durationOfStay,reservationNumber,idNum);
      this.dispose();
    }
    else
    {
      JOptionPane.showMessageDialog(this,"Must have adult guests");
    }
```

```
// instancesForRT.paidGuestCount.
}
private String determineDestinationType(String to)
{
  String DT;
  if( to.equalsIgnoreCase("Baguio" )||
      to.equalsIgnoreCase ("Boracay") ||
      to.equalsIgnoreCase("El Nido") ||
      to.equalsIgnoreCase ("Siargao"))
  {
    DT = "localrate";
    return DT;
  }
  else if( to.equalsIgnoreCase("Hong Kong" )||
      to.equalsIgnoreCase ("Japan") ||
      to.equalsIgnoreCase("Singapore") ||
      to.equalsIgnoreCase ("South Korea"))
  {
    DT = "international rate";
    return DT;
  }
  return null;
```

```
private void childAge1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
}

int agc;
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
    agc += 1; // Increment the count
    adultGuestsCount.setText(Integer.toString(agc));
}

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
```

}

```
if(agc != 0)
  {
  agc -= 1;
  adultGuestsCount.setText(Integer.toString(agc));
  }
}
int cgc;
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
  if(cgc != 0)
  {
    cgc -= 1;
    childGuestsCount.setText(Integer.toString(cgc));
    childAgedisplay(cgc);
  }
}
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
 if (cgc <9 && agc!=0)
 {
    cgc += 1;
    childGuestsCount.setText(Integer.toString(cgc));
    childAgedisplay(cgc);
 }
```

```
}
private void childAge2ActionPerformed(java.awt.event.ActionEvent evt) {
}
private void childAge3ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void childAge6ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void childAge5ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void childAge4ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void childAge9ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
```

```
private void childAge8ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void childAge7ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void adultGuestsCountActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void childAge1PropertyChange(java.beans.PropertyChangeEvent evt) {
 }
  private void childAge1MouseClicked(java.awt.event.MouseEvent evt) {
  }
  private void childAge1PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
    for(int i = 0; i <= 17; i++)
    {
      childAge1.addItem(String.valueOf(i));
    }
  }
```

```
private void childAge2PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
                 for(int i = 0; i<= 17; i++)
                  {
                            childAge2.addItem(String.valueOf(i));
                 }
         }
         private void childAge3PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
                  for (int i = 0; i \le 17; i++)
                 {
                            childAge3.addItem(String.valueOf(i));
                  }
        }
        private\ void\ child Age 4 Popup MenuWill Become Visible (javax.swing.event. Popup Menu Event) and the private void child Age 4 Popup MenuWill Become Visible (javax.swing.event. Popup Menu Event) and the private void child Age 4 Popup MenuWill Become Visible (javax.swing.event. Popup Menu Event) and the private void child Age 4 Popup MenuWill Become Visible (javax.swing.event. Popup Menu Event) and the private void child Age 4 Popup Menu Event M
evt) {
                  for (int i = 0; i \le 17; i++)
                  {
                            childAge4.addItem(String.valueOf(i));
                   }
        }
         private void childAge5PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
                  for (int i = 0; i \le 17; i++)
```

```
{
      childAge5.addItem(String.valueOf(i));
    }
  }
  private void childAge6PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
    for(int i = 0; i<= 17; i++)
    {
      childAge6.addItem(String.valueOf(i));
    }
  }
  private void childAge7PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
    for(int i = 0; i<= 17; i++)
    {
      childAge7.addItem(String.valueOf(i));
    }
  }
  private void childAge8PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
    for(int i = 0; i<= 17; i++)
    {
      childAge8.addItem(String.valueOf(i));
    }
  }
```

```
private void childAge9PopupMenuWillBecomeVisible(javax.swing.event.PopupMenuEvent
evt) {
    for(int i = 0; i <= 17; i++)
    {
       childAge9.addItem(String.valueOf(i));
    }
  }
  private void childAgedisplay(int cgc)
  {
    if (cgc == 0)
    {
       childLabel1.setVisible(false);
       childLabel2.setVisible(false);
       childLabel3.setVisible(false);
       childLabel4.setVisible(false);
       childLabel5.setVisible(false);
      childLabel6.setVisible(false);
       childLabel7.setVisible(false);
       childLabel8.setVisible(false);
       childLabel9.setVisible(false);
       childAge1.setVisible(false);
       childAge2.setVisible(false);
       childAge3.setVisible(false);
```

```
childAge4.setVisible(false);
  childAge5.setVisible(false);
  childAge6.setVisible(false);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 1)
{
  childLabel1.setVisible(true);
  childLabel2.setVisible(false);
  childLabel3.setVisible(false);
  childLabel4.setVisible(false);
  childLabel5.setVisible(false);
  childLabel6.setVisible(false);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge1.setVisible(true);
  childAge2.setVisible(false);
  childAge3.setVisible(false);
  childAge4.setVisible(false);
  childAge5.setVisible(false);
  childAge6.setVisible(false);
  childAge7.setVisible(false);
```

```
childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 2)
{
  childLabel2.setVisible(true);
  childLabel3.setVisible(false);
  childLabel4.setVisible(false);
  childLabel5.setVisible(false);
  childLabel6.setVisible(false);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge2.setVisible(true);
  childAge3.setVisible(false);
  childAge4.setVisible(false);
  childAge5.setVisible(false);
  childAge6.setVisible(false);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 3)
{
  childLabel3.setVisible(true);
```

```
childLabel4.setVisible(false);
  childLabel5.setVisible(false);
  childLabel6.setVisible(false);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge3.setVisible(true);
  childAge4.setVisible(false);
  childAge5.setVisible(false);
  childAge6.setVisible(false);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
if (cgc == 4)
  childLabel4.setVisible(true);
  childLabel5.setVisible(false);
  childLabel6.setVisible(false);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge4.setVisible(true);
  childAge5.setVisible(false);
```

}

{

```
childAge6.setVisible(false);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 5)
  childLabel5.setVisible(true);
  childLabel6.setVisible(false);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge5.setVisible(true);
  childAge6.setVisible(false);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 6)
  childLabel6.setVisible(true);
  childLabel7.setVisible(false);
  childLabel8.setVisible(false);
```

```
childLabel9.setVisible(false);
  childAge6.setVisible(true);
  childAge7.setVisible(false);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 7)
{
  childLabel7.setVisible(true);
  childLabel8.setVisible(false);
  childLabel9.setVisible(false);
  childAge7.setVisible(true);
  childAge8.setVisible(false);
  childAge9.setVisible(false);
}
if (cgc == 8)
{
  childLabel8.setVisible(true);
  childLabel9.setVisible(false);
  childAge8.setVisible(true);
  childAge9.setVisible(false);
```

```
}
    if (cgc == 9)
    {
      childLabel9.setVisible(true);
      childAge9.setVisible(true);
    }
  }
  /**
  * @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
          javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
```

```
}
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(numOfGuests.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(numOfGuests.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(numOfGuests.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(numOfGuests.class.getName()).log(java.util.logging.Level.SEV
ERE, null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
        new numOfGuests().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
```

```
private javax.swing.JTextField adultGuestsCount;
private javax.swing.JComboBox<String> childAge1;
private javax.swing.JComboBox<String> childAge2;
private javax.swing.JComboBox<String> childAge3;
private javax.swing.JComboBox<String> childAge4;
private javax.swing.JComboBox<String> childAge5;
private javax.swing.JComboBox<String> childAge6;
private javax.swing.JComboBox<String> childAge7;
private javax.swing.JComboBox<String> childAge8;
private javax.swing.JComboBox<String> childAge9;
private javax.swing.JTextField childGuestsCount;
private javax.swing.JLabel childLabel1;
private javax.swing.JLabel childLabel2;
private javax.swing.JLabel childLabel3;
private javax.swing.JLabel childLabel4;
private javax.swing.JLabel childLabel5;
private javax.swing.JLabel childLabel6;
private javax.swing.JLabel childLabel7;
private javax.swing.JLabel childLabel8;
private javax.swing.JLabel childLabel9;
public javax.swing.JLabel destination;
public javax.swing.JLabel idNumber;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
```

```
private javax.swing.JButton jButton6;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel11;
  private javax.swing.JLabel jLabel13;
  private javax.swing.JLabel jLabel14;
  private javax.swing.JLabel jLabel15;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel4;
  private javax.swing.JLabel jLabel9;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JPanel jPanel2;
  private javax.swing.JPanel jPanel3;
  private javax.swing.JPanel jPanel5;
  private javax.swing.JPanel jPanel6;
  public javax.swing.JLabel reservationNum;
  public javax.swing.JLabel season;
  // End of variables declaration
}
RECOMMENDATION CLASS
package pkgcase.study;
import javax.swing.JComboBox;
import javax.swing.JOptionPane;
import java.sql.Connection;
import java.sql.PreparedStatement;
import java.sql.ResultSet;
```

```
import java.sql.SQLException;
public class RecommendationClass {
  Connection con; // Connection for hotelmanagement_db
  Connection conRM; // Connection for hotelmanagement rm
  String seasonRow; // Row name for the selected season
  String destinationTable; // Table name for the destination type (local or international)
  // Room availability
  int standardAvailable, deluxeAvailable, quadrupleAvailable, familyAvailable, suiteAvailable;
  // Room prices
  int standardPrice, deluxePrice, quadruplePrice, familyPrice, suitePrice;
  // Recommendation variables
  String recommendedRoom = "No recommended room";
  int recommendedNumberOfRooms = 0;
  int recommendedExtraBeds = 0;
  String recommendRoomSentence = "No suitable rooms available.";
  int recommendedRoomPrice;
  // Current booking information
  int daysOfStay;
  int totalRoomCost;
  String destination;
  String season;
```

```
String idNumber;
  int freeChild = 0;
  int paidChild = 0;
  int adultGuests;
  public RecommendationClass() {
    connect();
  }
  // Establish connections to both databases
  private void connect() {
    try {
      ConnectionClass connectionClass = new ConnectionClass();
      con = connectionClass.con; // Connection for hotelmanagement db
      conRM = connectionClass.conRM; // Connection for hotelmanagement_rm
    } catch (Exception e) {
      JOptionPane.showMessageDialog(null, "Error connecting to the database: " +
e.getMessage());
    }
  }
  public void processGuests(String dest,int adultGuests, int childGuests, JComboBox<String>[]
childAgeSelectors, String destinationType, String ssn, int days, String reservationNo, String
idNum) {
  this.adultGuests = adultGuests; // Assign parameter value to the field
  daysOfStay = days;
  season = ssn;
```

String reservationNumber;

```
destination = dest;
reservationNumber = reservationNo;
idNumber = idNum;
int[] childAges = new int[childGuests];
destinationTable = destinationType;
seasonRow = getSeasonColumn(season);
getChildAges(childAges, childAgeSelectors);
getRoomPrice();
getAvailableRoom();
recommendRoom(childGuests, childAges);
getFinalRoomPrice();
toNextPage();
private String getSeasonColumn(String season) {
  switch (season.toLowerCase()) {
    case "lean season":
      return "lean";
    case "high season":
      return "high";
    case "peak season":
      return "peak";
    case "super peak season":
      return "superPeak";
```

}

```
default:
        throw new IllegalArgumentException("Invalid season: " + season);
    }
  }
  private void getRoomPrice() {
    String query = "SELECT * FROM " + destinationTable + " WHERE season = ?";
    try (PreparedStatement statement = conRM.prepareStatement(query)) {
      statement.setString(1, seasonRow);
      try (ResultSet rs = statement.executeQuery()) {
        if (rs.next()) {
           standardPrice = rs.getInt("standard");
           deluxePrice = rs.getInt("deluxe");
           quadruplePrice = rs.getInt("quadruple");
           familyPrice = rs.getInt("family");
           suitePrice = rs.getInt("suite");
        } else {
          JOptionPane.showMessageDialog(null, "No price data found for season: " +
seasonRow);
        }
      }
    } catch (SQLException e) {
      JOptionPane.showMessageDialog(null, "Error fetching room prices: " + e.getMessage());
    }
  }
  private void getAvailableRoom() {
```

```
String query = "SELECT * FROM availableroom WHERE label = 'roomAvailable'";
    try (PreparedStatement statement = conRM.prepareStatement(query)) {
      try (ResultSet rs = statement.executeQuery()) {
         if (rs.next()) {
           standardAvailable = rs.getInt("standard");
           deluxeAvailable = rs.getInt("deluxe");
           quadrupleAvailable = rs.getInt("quadruple");
           familyAvailable = rs.getInt("family");
           suiteAvailable = rs.getInt("suite");
        } else {
           JOptionPane.showMessageDialog(null, "No availability data found.");
        }
      }
    } catch (SQLException e) {
      JOptionPane.showMessageDialog(null, "Error fetching room availability: " +
e.getMessage());
    }
  }
  private void getChildAges(int[] childAges, JComboBox<String>[] childAgeSelectors) {
    for (int i = 0; i < childAges.length; i++) {
      String ageStr = (String) childAgeSelectors[i].getSelectedItem();
      if (ageStr != null) {
        try {
           childAges[i] = Integer.parseInt(ageStr);
        } catch (NumberFormatException e) {
           JOptionPane.showMessageDialog(null, "Invalid age input for child " + (i + 1));
```

```
return;
      }
    } else {
      JOptionPane.showMessageDialog(null, "Please select an age for child " + (i + 1));
      return;
    }
  }
}
private void recommendRoom(int childGuests, int[] childAges) {
  freeChild = 0;
  paidChild = 0;
  for (int age : childAges) {
    if (age < 8) {
      freeChild++;
    } else if (age <= 17) {
      paidChild++;
    }
  }
  int totalGuests = adultGuests + paidChild + freeChild;
  if (totalGuests <= 2 && standardAvailable >= 1) {
    recommendedRoom = "Standard";
    recommendedNumberOfRooms = 1;
  } else if (totalGuests <= 4 && deluxeAvailable >= 1) {
```

```
recommendedRoom = "Deluxe";
      recommendedNumberOfRooms = 1;
    } else if (totalGuests <= 6 && quadrupleAvailable >= 1) {
      recommendedRoom = "Quadruple";
      recommendedNumberOfRooms = 1;
    } else {
      int roomsNeeded = (int) Math.ceil(totalGuests / 6.0);
      if (familyAvailable >= roomsNeeded) {
        recommendedRoom = "Family";
        recommendedNumberOfRooms = roomsNeeded;
      } else {
        recommendRoomSentence = "No suitable rooms available.";
        return;
      }
    }
    recommendRoomSentence = formatRecommendation(recommendedRoom,
recommendedNumberOfRooms, recommendedExtraBeds);
 }
  private String formatRecommendation(String roomType, int rooms, int beds) {
    return rooms + " " + roomType + " room(s)" + (beds > 0 ? " with " + beds + " extra bed(s)" :
"");
  }
  private void getFinalRoomPrice() {
    recommendedRoomPrice = getRoomPriceByType(recommendedRoom);
  }
```

```
private int getRoomPriceByType(String roomType) {
  switch (roomType) {
    case "Standard":
      return standardPrice;
    case "Deluxe":
      return deluxePrice;
    case "Quadruple":
      return quadruplePrice;
    case "Family":
      return familyPrice;
    case "Suite":
      return suitePrice;
    default:
      return 0;
 }
}
private void toNextPage() {
  RoomType instancesForRT = new RoomType();
  totalRoomCost = recommendedNumberOfRooms * recommendedRoomPrice * daysOfStay;
  System.out.println("avail " + adultGuests);
  instancesForRT.reservationNum.setText(reservationNumber);
  instancesForRT.idNumber.setText(idNumber);
  instancesForRT.season.setText(season);
  instancesForRT.destination.setText(destination);
```

instancesForRT.getValue(destination,recommendedRoom, recommendedNumberOfRooms, recommendedRoomPrice, totalRoomCost, daysOfStay, season, idNumber, reservationNumber,standardAvailable,deluxeAvailable,quadrupleAvailable,familyAvailable,suite Available,standardPrice, deluxePrice, quadruplePrice, familyPrice, suitePrice, adultGuests,paidChild,freeChild);

```
instancesForRT.paidGuestCount.setText(String.valueOf(paidChild + adultGuests));
    instancesForRT.childGuestsCount.setText(String.valueOf(freeChild));
    instancesForRT.setVisible(true);
 }
}
ROOM TYPE
/*
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import java.sql.Connection;
import javax.swing.JOptionPane;
```

\* @author ceaia

```
*/
public class RoomType extends javax.swing.JFrame {
 /**
  * Creates new form RoomType
  */
  public RoomType() {
    initComponents();
    Connect();
    showTable();
 }
 String recomendedTypeOfRoomToBook;
  int recomendedNumberOfRoomToBook;
  int recomendedPricePerRoomToBook;
  int recomendedTotalPriceRoomToBook;
  int recomendedAddBedFromRecommend;
  int daysOfStay;
  String typeOfRoomToBook;
  int numberRoomToBook;
  int pricePerRoomToBook;
  int totalPriceForRoomToBook;
  int addBedFromRecommend;
```

```
int
standard Count Main, deluxe Count Main, quadrup le Count Main, family Count Main, suite Count Main;\\
  int standardP,deluxeP,quadrupleP,familyP,suiteP;
  int standardA,deluxeA,quadrupleA,familyA,suiteA;
  int adultGuests,paidChildren,freeChildren;
  //planning to avail
  int countOfRoomToBook;
  int totalCapacity;
  Connection con;
  public void Connect() {
    ConnectionClass connectionClass = new ConnectionClass();
    con = connectionClass.con;
  }
  String typeOfDestination;
  public void showTable()
  {
    System.out.print("room type" + typeOfDestination);
 }
  public void getValue(String dest,String recommendedRoom, int
recommendedNumberOfRooms, int recommendedRoomPrice, int rtprtb, int dos,
```

String season, String idNumber, String reservationNumber,

int standardAvailable, int deluxeAvailable, int quadrupleAvailable, int familyAvailable, int suiteAvailable, int standardPrice, int deluxePrice, int quadruplePrice, int familyPrice, int suitePrice, int adult, int paidChild, int freeChild) {

```
// Assign values to instance variables for recommendations
recomendedTypeOfRoomToBook = recommendedRoom;
recomendedNumberOfRoomToBook = recommendedNumberOfRooms;
recomendedPricePerRoomToBook = recommendedRoomPrice;
recomendedTotalPriceRoomToBook = rtprtb;
recomendedAddBedFromRecommend = 0; // Default to 0; calculate later if necessary
// Assign other relevant values
daysOfStay = dos;
// Update availability
standardA = standardAvailable;
deluxeA = deluxeAvailable;
quadrupleA = quadrupleAvailable;
familyA = familyAvailable;
suiteA = suiteAvailable;
adultGuests = adult;
paidChildren = paidChild;
freeChildren = freeChild;
standardAvailableDisplay.setText(String.valueOf(standardAvailable));
deluxeAvailableDisplay.setText(String.valueOf(deluxeAvailable));
quadrupleAvailableDisplay.setText(String.valueOf(quadrupleAvailable));
familyAvailableDisplay.setText(String.valueOf(familyAvailable));
```

```
suiteAvailableDisplay.setText(String.valueOf(suiteAvailable));
    standardP = standardPrice;
    deluxeP = deluxePrice;
    quadrupleP = quadruplePrice;
    familyP = familyPrice;
    suiteP = suitePrice;
    // Set prices for all room types
    standardPriceD.setText(Integer.toString(standardP)); // Convert int to String and set for
standard
    deluxePriceD.setText(Integer.toString(deluxeP)); // Convert int to String and set for
deluxe
    quadruplePriceD.setText(Integer.toString(quadrupleP)); // Convert int to String and set for
quadruple
    familyPriceD.setText(Integer.toString(familyP)); // Convert int to String and set for family
    suitePriceD.setText(Integer.toString(suiteP));
                                                   // Convert int to String and set for suite
    // Debugging output (optional)
    System.out.println("Recommended Room: " + recommendedRoom);
    System.out.println("Number of Rooms: " + recommendedNumberOfRooms);
    System.out.println("Price Per Room: " + recommendedRoomPrice);
    System.out.println("Total Price for Rooms: " + rtprtb);
```

```
System.out.println("Days of Stay: " + daysOfStay);
    System.out.println("Season: " + season);
    System.out.println("ID Number: " + idNumber);
    System.out.println("Reservation Number: " + reservationNumber);
    System.out.println("Available Rooms - Standard: " + standardAvailable + ", Deluxe: " +
deluxeAvailable + ", Quadruple: " + quadrupleAvailable
        + ", Family: " + familyAvailable + ", Suite: " + suiteAvailable);
  }
  /**
   * This method is called from within the constructor to initialize the form.
   * WARNING: Do NOT modify this code. The content of this method is always
   * regenerated by the Form Editor.
   */
  @SuppressWarnings("unchecked")
  // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {
    jPanel1 = new javax.swing.JPanel();
    jLabel2 = new javax.swing.JLabel();
    jLabel4 = new javax.swing.JLabel();
    jPanel5 = new javax.swing.JPanel();
    jLabel9 = new javax.swing.JLabel();
    idNumber = new javax.swing.JLabel();
    jLabel11 = new javax.swing.JLabel();
    reservationNum = new javax.swing.JLabel();
```

```
jLabel13 = new javax.swing.JLabel();
destination = new javax.swing.JLabel();
jLabel15 = new javax.swing.JLabel();
childGuestsCount = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();
season = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
paidGuestCount = new javax.swing.JLabel();
jButton1 = new javax.swing.JButton();
jPanel3 = new javax.swing.JPanel();
jLabel1 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel12 = new javax.swing.JLabel();
jLabel14 = new javax.swing.JLabel();
jLabel18 = new javax.swing.JLabel();
jLabel24 = new javax.swing.JLabel();
jLabel25 = new javax.swing.JLabel();
jLabel26 = new javax.swing.JLabel();
jLabel27 = new javax.swing.JLabel();
jLabel28 = new javax.swing.JLabel();
jLabel19 = new javax.swing.JLabel();
standardAvailableDisplay = new javax.swing.JLabel();
deluxeAvailableDisplay = new javax.swing.JLabel();
quadrupleAvailableDisplay = new javax.swing.JLabel();
suiteAvailableDisplay = new javax.swing.JLabel();
```

```
familyAvailableDisplay = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel20 = new javax.swing.JLabel();
standardCount = new javax.swing.JLabel();
deluxeCount = new javax.swing.JLabel();
quadrupleCount = new javax.swing.JLabel();
familyCount = new javax.swing.JLabel();
suiteCount = new javax.swing.JLabel();
jButton4 = new javax.swing.JButton();
jButton5 = new javax.swing.JButton();
jButton6 = new javax.swing.JButton();
¡Button7 = new javax.swing.JButton();
jButton8 = new javax.swing.JButton();
jButton9 = new javax.swing.JButton();
¡Button10 = new javax.swing.JButton();
¡Button11 = new javax.swing.JButton();
jButton12 = new javax.swing.JButton();
jButton13 = new javax.swing.JButton();
jLabel21 = new javax.swing.JLabel();
standardPriceD = new javax.swing.JLabel();
deluxePriceD = new javax.swing.JLabel();
quadruplePriceD = new javax.swing.JLabel();
familyPriceD = new javax.swing.JLabel();
suitePriceD = new javax.swing.JLabel();
¡Button3 = new javax.swing.JButton();
bg = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
    getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    iPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jLabel2.setForeground(new java.awt.Color(0, 0, 0));
    ¡Label2.setText("2");
    jPanel1.add(jLabel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(110, 510, 80, 60));
    jLabel4.setForeground(new java.awt.Color(0, 0, 0));
    jLabel4.setText("1");
    ¡Panel1.add(¡Label4, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 480, 80, 60));
    jPanel5.setBackground(new java.awt.Color(17, 28, 78));
    jPanel5.setBorder(javax.swing.BorderFactory.createLineBorder(new java.awt.Color(0, 0,
0)));
    iPanel5.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jLabel9.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    ¡Label9.setForeground(new java.awt.Color(255, 255, 255));
    jLabel9.setText("RESERVATION #");
    jPanel5.add(jLabel9, new org.netbeans.lib.awtextra.AbsoluteConstraints(7, 18, 110, -1));
    idNumber.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    idNumber.setOpaque(true);
    ¡Panel5.add(idNumber, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 10, 96,
38));
```

```
jLabel11.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel11.setForeground(new java.awt.Color(255, 255, 255));
    jLabel11.setText("ID NUMBER :");
    jPanel5.add(jLabel11, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 20, 122, -
1));
    reservationNum.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    reservationNum.setOpaque(true);
    ¡Panel5.add(reservationNum, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 10,
96, 38));
    jLabel13.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel13.setForeground(new java.awt.Color(255, 255, 255));
    jLabel13.setText("DESTINATION :");
    jPanel5.add(jLabel13, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 80, 122, -1));
    destination.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    destination.setOpaque(true);
    jPanel5.add(destination, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 60, 96,
38));
    jLabel15.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel15.setForeground(new java.awt.Color(255, 255, 255));
    ¡Label15.setText("Child Guests");
    jPanel5.add(jLabel15, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 130, 122, -
1));
    childGuestsCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
```

```
childGuestsCount.setOpaque(true);
    jPanel5.add(childGuestsCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(340,
120, 96, 38));
    jLabel16.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel16.setForeground(new java.awt.Color(255, 255, 255));
    jLabel16.setText("SEASON");
    jPanel5.add(jLabel16, new org.netbeans.lib.awtextra.AbsoluteConstraints(240, 70, 122, -
1));
    season.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    season.setOpaque(true);
    jPanel5.add(season, new org.netbeans.lib.awtextra.AbsoluteConstraints(340, 70, 96, 38));
    jLabel17.setFont(new java.awt.Font("Century", 1, 12)); // NOI18N
    jLabel17.setForeground(new java.awt.Color(255, 255, 255));
    jLabel17.setText("Paid Guests");
    jPanel5.add(jLabel17, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 130, 122, -
1));
    paidGuestCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    paidGuestCount.setOpaque(true);
    ¡Panel5.add(paidGuestCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(130, 120,
96, 38));
    jPanel1.add(jPanel5, new org.netbeans.lib.awtextra.AbsoluteConstraints(30, 10, 680, 270));
    ¡Button1.setText("LOG-OUT");
```

```
jButton1.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button1ActionPerformed(evt);
  }
});
¡Panel1.add(¡Button1, new org.netbeans.lib.awtextra.AbsoluteConstraints(760, 20, 80, 33));
jPanel3.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jLabel1.setFont(new java.awt.Font("Yu Gothic Medium", 3, 12)); // NOI18N
jLabel1.setText("- Standard");
jPanel3.add(jLabel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 50, 89, -1));
jLabel7.setFont(new java.awt.Font("Yu Gothic Medium", 3, 12)); // NOI18N
¡Label7.setText("- Deluxe");
¡Panel3.add(¡Label7, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 90, 123, -1));
jLabel8.setFont(new java.awt.Font("Yu Gothic Medium", 3, 12)); // NOI18N
¡Label8.setText("- Quadruple");
¡Panel3.add(¡Label8, new org.netbeans.lib.awtextra.AbsoluteConstraints(20, 120, 79, -1));
jLabel10.setFont(new java.awt.Font("Yu Gothic Medium", 3, 12)); // NOI18N
¡Label10.setText("- Family");
jPanel3.add(jLabel10, new org.netbeans.lib.awtextra.AbsoluteConstraints(21, 155, 58, -1));
jLabel12.setFont(new java.awt.Font("Yu Gothic Medium", 3, 12)); // NOI18N
¡Label12.setText("- Suite");
```

```
jPanel3.add(jLabel12, new org.netbeans.lib.awtextra.AbsoluteConstraints(21, 184, 48, -1));
    jLabel14.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    ¡Label14.setText("Room Type");
    jPanel3.add(jLabel14, new org.netbeans.lib.awtextra.AbsoluteConstraints(33, 15, 142, -1));
    jLabel18.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    jLabel18.setText("Room Capacity");
    jPanel3.add(jLabel18, new org.netbeans.lib.awtextra.AbsoluteConstraints(144, 12, -1, 30));
    jLabel24.setFont(new java.awt.Font("Yu Gothic Medium", 3, 10)); // NOI18N
    ¡Label24.setText("1 guest w/ 1 extra bed");
    jPanel3.add(jLabel24, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 60, 142, -
1));
    jLabel25.setFont(new java.awt.Font("Yu Gothic Medium", 3, 10)); // NOI18N
    jLabel25.setText("2 guest w/ 1 extra bed");
    jPanel3.add(jLabel25, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 90, 126, -
1));
    jLabel26.setFont(new java.awt.Font("Yu Gothic Medium", 3, 10)); // NOI18N
    jLabel26.setText("4 guest w/ 1 extra bed");
    jPanel3.add(jLabel26, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 120, 126, -
1));
    jLabel27.setFont(new java.awt.Font("Yu Gothic Medium", 3, 10)); // NOI18N
    jLabel27.setText("6 guest w/ 1 extra bed");
```

```
jPanel3.add(jLabel27, new org.netbeans.lib.awtextra.AbsoluteConstraints(140, 150, 126, -
1));
    jLabel28.setFont(new java.awt.Font("Yu Gothic Medium", 3, 10)); // NOI18N
    ¡Label28.setText("4 guest ");
    jPanel3.add(jLabel28, new org.netbeans.lib.awtextra.AbsoluteConstraints(176, 184, 64, -
1));
    jLabel19.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    jLabel19.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    jLabel19.setText("Room(s) Available");
    jLabel19.setVerticalAlignment(javax.swing.SwingConstants.BOTTOM);
    jPanel3.add(jLabel19, new org.netbeans.lib.awtextra.AbsoluteConstraints(290, 15, 143, -
1));
    standardAvailableDisplay.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); //
NOI18N
    standardAvailableDisplay.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    standardAvailableDisplay.setText("N");
    jPanel3.add(standardAvailableDisplay, new
org.netbeans.lib.awtextra.AbsoluteConstraints(320, 50, 80, -1));
    deluxeAvailableDisplay.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    deluxeAvailableDisplay.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    deluxeAvailableDisplay.setText("N");
    deluxeAvailableDisplay.setVerticalAlignment(javax.swing.SwingConstants.BOTTOM);
    jPanel3.add(deluxeAvailableDisplay, new
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 80, 60, -1));
```

```
quadrupleAvailableDisplay.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); //
NOI18N
    quadrupleAvailableDisplay.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    quadrupleAvailableDisplay.setText("N");
    jPanel3.add(quadrupleAvailableDisplay, new
org.netbeans.lib.awtextra.AbsoluteConstraints(330, 120, 60, -1));
    suiteAvailableDisplay.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    suiteAvailableDisplay.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    suiteAvailableDisplay.setText("N");
    jPanel3.add(suiteAvailableDisplay, new org.netbeans.lib.awtextra.AbsoluteConstraints(325,
184, 70, -1));
    familyAvailableDisplay.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    familyAvailableDisplay.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    familyAvailableDisplay.setText("N");
    ¡Panel3.add(familyAvailableDisplay, new
org.netbeans.lib.awtextra.AbsoluteConstraints(320, 150, 80, -1));
    jLabel3.setText("jLabel3");
    ¡Panel3.add(¡Label3, new org.netbeans.lib.awtextra.AbsoluteConstraints(924, 57, 37, -1));
    jLabel20.setFont(new java.awt.Font("Yu Gothic Medium", 3, 20)); // NOI18N
    ¡Label20.setText("No. of Room");
    jPanel3.add(jLabel20, new org.netbeans.lib.awtextra.AbsoluteConstraints(523, 10, 131, -
1));
    standardCount.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    standardCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
```

```
standardCount.setText("0");
    jPanel3.add(standardCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 50,
42, -1));
    deluxeCount.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    deluxeCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    deluxeCount.setText("0");
    ¡Panel3.add(deluxeCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 80, 42, -
1));
    quadrupleCount.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    quadrupleCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    quadrupleCount.setText("0");
    jPanel3.add(quadrupleCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 120,
42, -1));
    familyCount.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    familyCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    familyCount.setText("0");
    jPanel3.add(familyCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 150, 42,
-1));
    suiteCount.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    suiteCount.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    suiteCount.setText("0");
    jPanel3.add(suiteCount, new org.netbeans.lib.awtextra.AbsoluteConstraints(590, 180, 42, -
1));
    ¡Button4.setText("+");
```

```
jButton4.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button4ActionPerformed(evt);
  }
});
jPanel3.add(jButton4, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 50, -1, -1));
jButton5.setText("+");
jButton5.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton5ActionPerformed(evt);
  }
});
jPanel3.add(jButton5, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 80, -1, -1));
¡Button6.setText("+");
jButton6.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button6ActionPerformed(evt);
  }
});
jPanel3.add(jButton6, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 120, -1, -1));
¡Button7.setText("+");
jButton7.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button7ActionPerformed(evt);
```

```
}
});
jPanel3.add(jButton7, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 150, -1, -1));
jButton8.setText("-");
jButton8.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton8ActionPerformed(evt);
  }
});
jPanel3.add(jButton8, new org.netbeans.lib.awtextra.AbsoluteConstraints(552, 47, -1, -1));
jButton9.setText("+");
jButton9.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button9ActionPerformed(evt);
  }
});
jPanel3.add(jButton9, new org.netbeans.lib.awtextra.AbsoluteConstraints(640, 180, -1, -1));
jButton10.setText("-");
jButton10.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button10ActionPerformed(evt);
  }
});
jPanel3.add(jButton10, new org.netbeans.lib.awtextra.AbsoluteConstraints(552, 81, -1, -1));
```

```
jButton11.setText("-");
    jButton11.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton11ActionPerformed(evt);
      }
    });
    jPanel3.add(jButton11, new org.netbeans.lib.awtextra.AbsoluteConstraints(552, 120, -1, -
1));
    jButton12.setText("-");
    jButton12.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        ¡Button12ActionPerformed(evt);
      }
    });
    jPanel3.add(jButton12, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 150, -1, -
1));
    jButton13.setText("-");
    jButton13.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton13ActionPerformed(evt);
      }
    });
    jPanel3.add(jButton13, new org.netbeans.lib.awtextra.AbsoluteConstraints(550, 180, -1, -
1));
```

```
jLabel21.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    jLabel21.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    ¡Label21.setText("Rate");
    jLabel21.setVerticalAlignment(javax.swing.SwingConstants.BOTTOM);
    ¡Panel3.add(¡Label21, new org.netbeans.lib.awtextra.AbsoluteConstraints(439, 15, 78, -1));
    standardPriceD.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    standardPriceD.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    standardPriceD.setText("N");
    jPanel3.add(standardPriceD, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 50,
120, -1));
    deluxePriceD.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    deluxePriceD.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    deluxePriceD.setText("N");
    deluxePriceD.setVerticalAlignment(javax.swing.SwingConstants.BOTTOM);
    jPanel3.add(deluxePriceD, new org.netbeans.lib.awtextra.AbsoluteConstraints(420, 80, 120,
-1));
    quadruplePriceD.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    quadruplePriceD.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    quadruplePriceD.setText("N");
    ¡Panel3.add(quadruplePriceD, new org.netbeans.lib.awtextra.AbsoluteConstraints(430,
120, 100, -1));
    familyPriceD.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    familyPriceD.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    familyPriceD.setText("N");
```

```
jPanel3.add(familyPriceD, new org.netbeans.lib.awtextra.AbsoluteConstraints(430, 150,
100, -1));
    suitePriceD.setFont(new java.awt.Font("Yu Gothic Medium", 3, 14)); // NOI18N
    suitePriceD.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
    suitePriceD.setText("N");
    jPanel3.add(suitePriceD, new org.netbeans.lib.awtextra.AbsoluteConstraints(440, 180, 80, -
1));
    jPanel1.add(jPanel3, new org.netbeans.lib.awtextra.AbsoluteConstraints(10, 290, 740,
220));
    jButton3.setText("NEXT>>");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        ¡Button3ActionPerformed(evt);
      }
    });
    jPanel1.add(jButton3, new org.netbeans.lib.awtextra.AbsoluteConstraints(780, 490, -1, -1));
    bg.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/bgForLandingPage.png"))); //
NOI18N
    jPanel1.add(bg, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1, -1));
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0,
940, 550));
    pack();
```

```
}// </editor-fold>
  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    if(totalCapacity >= adultGuests)
    {
      int subTotalOfStandard = getSubTotalOfRoom(standardCountMain, standardP);
      int subTotalOfDeluxe = getSubTotalOfRoom(deluxeCountMain, deluxeP);
      int subTotalOfQuadruple = getSubTotalOfRoom(quadrupleCountMain, quadrupleP);
      int subTotalOfFamily = getSubTotalOfRoom(familyCountMain, familyP);
      int subTotalOfSuite = getSubTotalOfRoom(suiteCountMain, suiteP);
      int totalRoomSubtotal = 0; // To calculate the total subtotal
// Calculate total and determine non-zero subtotals
      if (subTotalOfStandard > 0) {
        totalRoomSubtotal += subTotalOfStandard;
      }
      if (subTotalOfDeluxe > 0) {
        totalRoomSubtotal += subTotalOfDeluxe;
      }
      if (subTotalOfQuadruple > 0) {
```

```
totalRoomSubtotal += subTotalOfQuadruple;
      }
      if (subTotalOfFamily > 0) {
        totalRoomSubtotal += subTotalOfFamily;
      }
      if (subTotalOfSuite > 0) {
        totalRoomSubtotal += subTotalOfSuite;
      }
// Debugging purposes
      System.out.println("Standard Room Subtotal: " + subTotalOfStandard);
      System.out.println("Deluxe Room Subtotal: " + subTotalOfDeluxe);
      System.out.println("Quadruple Room Subtotal: " + subTotalOfQuadruple);
      System.out.println("Family Room Subtotal: " + subTotalOfFamily);
      System.out.println("Suite Room Subtotal: " + subTotalOfSuite);
      System.out.println("Total Room Subtotal: " + totalRoomSubtotal);
// Pass the values to AddOns
      String id = idNumber.getText();
      String rn = reservationNum.getText();
      String dest = destination.getText();
      String ssn = season.getText();
      AddOns ao = new AddOns();
      ao.getValue(daysOfStay, adultGuests, paidChildren, freeChildren, countOfRoomToBook,
id, rn, dest, ssn,
           subTotalOfStandard, subTotalOfDeluxe, subTotalOfQuadruple, subTotalOfFamily,
subTotalOfSuite,
```

total Room Subtotal, standard Count Main, deluxe Count Main, quadrup le Count Main, family Count Main, suite Count Main);

```
ao.setVisible(true);
      this.dispose();
    }
    else
    {
      JOptionPane.showMessageDialog(this,"Please selsct more room");
    }
 }
  private int getSubTotalOfRoom(int roomCount,int price)
  {
    int subtotal = roomCount * price * daysOfStay;
   return subtotal;
 }
  private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
    System.out.println("s" + standardA + "standard countMin" + standardCountMain + "
tottalCapacity: " + totalCapacity + "adg" + adultGuests);
    if (standardCountMain < standardA && countOfRoomToBook < adultGuests)</pre>
    {
```

```
standardCountMain += 1;
    standardCount.setText(Integer.toString(standardCountMain));
    System.out.print(standardCountMain);
    countOfRoomToBook+=1;
    totalCapacity +=2;
  }
}
private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {
   if (deluxeCountMain < deluxeA && countOfRoomToBook < adultGuests)
  {
    deluxeCountMain += 1;
    deluxe Count.set Text (Integer.to String (deluxe Count Main));\\
    System.out.print(standardCountMain);
    countOfRoomToBook += 1;
    totalCapacity += 2;
  }
}
private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {
```

```
if(quadrupleCountMain < quadrupleA && countOfRoomToBook < adultGuests) {
    quadrupleCountMain += 1;
    quadrupleCount.setText(Integer.toString(quadrupleCountMain));
    System.out.print(quadrupleCountMain);
    countOfRoomToBook += 1;
    totalCapacity += 4;
  }
}
private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {
  if (familyCountMain < familyA && countOfRoomToBook < adultGuests) {
    familyCountMain += 1;
    familyCount.setText(Integer.toString(familyCountMain));
    System.out.print(familyCountMain);
    countOfRoomToBook += 1;
    totalCapacity += 5;
  }
}
private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {
  if (standardCountMain != 0) {
    standardCountMain -= 1;
    standardCount.setText(Integer.toString(standardCountMain));
    System.out.print(standardCountMain);
    countOfRoomToBook -= 1;
    totalCapacity -= 2;
```

```
}
}
private void jButton9ActionPerformed(java.awt.event.ActionEvent evt) {
  if (suiteCountMain < suiteA && countOfRoomToBook < adultGuests) {</pre>
  suiteCountMain += 1;
  suiteCount.setText(Integer.toString(suiteCountMain));
  System.out.print(suiteCountMain);
  countOfRoomToBook += 1;
  totalCapacity += 6;
}
private void jButton10ActionPerformed(java.awt.event.ActionEvent evt) {
  if (deluxeCountMain != 0) {
    deluxeCountMain -= 1;
    deluxeCount.setText(Integer.toString(deluxeCountMain));
    System.out.print(deluxeCountMain);
    countOfRoomToBook -= 1;
    totalCapacity -= 2;
  }
}
private void jButton11ActionPerformed(java.awt.event.ActionEvent evt) {
  if (quadrupleCountMain != 0) {
```

}

```
quadrupleCountMain -= 1;
    quadrupleCount.setText(Integer.toString(quadrupleCountMain));
    System.out.print(quadrupleCountMain);
    countOfRoomToBook -= 1;
    totalCapacity -= 4;
  }
}
private void jButton12ActionPerformed(java.awt.event.ActionEvent evt) {
  if (familyCountMain != 0) {
    familyCountMain -= 1;
    familyCount.setText(Integer.toString(familyCountMain));
    System.out.print(familyCountMain);
    countOfRoomToBook -= 1;
    totalCapacity -= 5;
  }
}
private void jButton13ActionPerformed(java.awt.event.ActionEvent evt) {
  if (suiteCountMain != 0) {
    suiteCountMain -= 1;
    suiteCount.setText(Integer.toString(suiteCountMain));
    System.out.print(suiteCountMain);
    countOfRoomToBook -= 1;
    totalCapacity -= 6;
  }
```

```
}
  /**
  * @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
          javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(RoomType.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(RoomType.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    } catch (IllegalAccessException ex) {
```

```
java.util.logging.Logger.getLogger(RoomType.class.getName()).log(java.util.logging.Level.SEVERE) \\
, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(RoomType.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
        new RoomType().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JLabel bg;
  public javax.swing.JLabel childGuestsCount;
  public javax.swing.JLabel deluxeAvailableDisplay;
  public javax.swing.JLabel deluxeCount;
  public javax.swing.JLabel deluxePriceD;
  public javax.swing.JLabel destination;
  public javax.swing.JLabel familyAvailableDisplay;
  public javax.swing.JLabel familyCount;
  public javax.swing.JLabel familyPriceD;
```

```
public javax.swing.JLabel idNumber;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton10;
private javax.swing.JButton jButton11;
private javax.swing.JButton jButton12;
private javax.swing.JButton jButton13;
private javax.swing.JButton jButton3;
private javax.swing.JButton jButton4;
private javax.swing.JButton jButton5;
private javax.swing.JButton jButton6;
private javax.swing.JButton jButton7;
private javax.swing.JButton jButton8;
private javax.swing.JButton jButton9;
private javax.swing.JLabel jLabel1;
private javax.swing.JLabel jLabel10;
private javax.swing.JLabel jLabel11;
private javax.swing.JLabel jLabel12;
private javax.swing.JLabel jLabel13;
private javax.swing.JLabel jLabel14;
private javax.swing.JLabel jLabel15;
private javax.swing.JLabel jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
private javax.swing.JLabel jLabel20;
private javax.swing.JLabel jLabel21;
```

```
private javax.swing.JLabel jLabel24;
private javax.swing.JLabel jLabel25;
private javax.swing.JLabel jLabel26;
private javax.swing.JLabel jLabel27;
private javax.swing.JLabel jLabel28;
private javax.swing.JLabel jLabel3;
private javax.swing.JLabel jLabel4;
private javax.swing.JLabel jLabel7;
private javax.swing.JLabel jLabel8;
private javax.swing.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
public javax.swing.JPanel jPanel3;
private javax.swing.JPanel jPanel5;
public javax.swing.JLabel paidGuestCount;
public javax.swing.JLabel quadrupleAvailableDisplay;
public javax.swing.JLabel quadrupleCount;
public javax.swing.JLabel quadruplePriceD;
public javax.swing.JLabel reservationNum;
public javax.swing.JLabel season;
public javax.swing.JLabel standardAvailableDisplay;
public javax.swing.JLabel standardCount;
public javax.swing.JLabel standardPriceD;
public javax.swing.JLabel suiteAvailableDisplay;
public javax.swing.JLabel suiteCount;
public javax.swing.JLabel suitePriceD;
// End of variables declaration
```

}

```
ADD ONS
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
* @author LENOVO
*/
public class AddOns extends javax.swing.JFrame {
  * Creates new form test
  */
  public AddOns() {
    initComponents();
    enablePanelComponents(addOn, false);
    enablePanelComponents(bedPan, false);
    enablePanelComponents(blanketPan, false);
    enablePanelComponents(pillowPan, false);
    enablePanelComponents(toiletriesPan, false);
 }
    String idNumber, reservationNumber, destination, season;
    int paidGuests, childGuests;
```

```
int daysOfStay;
   int totalGuests;
   int paidGueats;
   int adultGuests;
   int paidChildren;
   int freeChildren;
   int subTotalOfStandard, subTotalOfDeluxe, subTotalOfQuadruple, subTotalOfFamily,
subTotalOfSuite, totalRoomSubtotal;
   int numberOfRoom;
   int bec; // bed Count
   int bc; // blanket Count
   int pc; // pillow count
   int tc; // toiletrries
   int subtotalOfBed, subtotalOfBlanket, subtotalOfPillow, subtotalOfToiletries,
totalAmountOfAddOns;
  /**
  * This method is called from within the constructor to initialize the form.
  * WARNING: Do NOT modify this code. The content of this method is always
  * regenerated by the Form Editor.
  */
  @SuppressWarnings("unchecked")
 // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {
```

```
YesOrNo = new javax.swing.ButtonGroup();
¡Panel1 = new javax.swing.JPanel();
addOn = new javax.swing.JPanel();
bed = new javax.swing.JCheckBox();
blanket = new javax.swing.JCheckBox();
pillow = new javax.swing.JCheckBox();
toiletries = new javax.swing.JCheckBox();
jLabel50 = new javax.swing.JLabel();
jLabel51 = new javax.swing.JLabel();
jLabel52 = new javax.swing.JLabel();
jLabel53 = new javax.swing.JLabel();
Option24 = new javax.swing.JLabel();
Option25 = new javax.swing.JLabel();
bedPan = new javax.swing.JPanel();
bedCount = new javax.swing.JTextField();
jLabel54 = new javax.swing.JLabel();
dcBed = new javax.swing.JButton();
acBed = new javax.swing.JButton();
blanketPan = new javax.swing.JPanel();
dcBlanket = new javax.swing.JButton();
blanketCount = new javax.swing.JTextField();
acBlanket = new javax.swing.JButton();
jLabel55 = new javax.swing.JLabel();
pillowPan = new javax.swing.JPanel();
jLabel56 = new javax.swing.JLabel();
pillowCount = new javax.swing.JTextField();
```

```
acPillow = new javax.swing.JButton();
dcPillow = new javax.swing.JButton();
toiletriesPan = new javax.swing.JPanel();
acToiletries = new javax.swing.JButton();
toiletriesCount = new javax.swing.JTextField();
dcToiletries = new javax.swing.JButton();
jLabel57 = new javax.swing.JLabel();
Option4 = new javax.swing.JLabel();
yes = new javax.swing.JRadioButton();
no = new javax.swing.JRadioButton();
jPanel2 = new javax.swing.JPanel();
next10 = new javax.swing.JButton();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
getContentPane().setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
jPanel1.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
addOn.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 3, true));
bed.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
bed.setText("BED");
bed.addItemListener(new java.awt.event.ItemListener() {
  public void itemStateChanged(java.awt.event.ItemEvent evt) {
    bedItemStateChanged(evt);
  }
});
```

```
bed.addChangeListener(new javax.swing.event.ChangeListener() {
  public void stateChanged(javax.swing.event.ChangeEvent evt) {
    bedStateChanged(evt);
 }
});
bed.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    bedMouseClicked(evt);
  }
});
bed.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    bedActionPerformed(evt);
 }
});
blanket.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
blanket.setText("BLANKET");
blanket.addChangeListener(new javax.swing.event.ChangeListener() {
  public void stateChanged(javax.swing.event.ChangeEvent evt) {
    blanketStateChanged(evt);
  }
});
blanket.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    blanketMouseClicked(evt);
  }
```

```
});
pillow.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
pillow.setText("PILLOW");
pillow.addChangeListener(new javax.swing.event.ChangeListener() {
  public void stateChanged(javax.swing.event.ChangeEvent evt) {
    pillowStateChanged(evt);
  }
});
pillow.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    pillowMouseClicked(evt);
  }
});
toiletries.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
toiletries.setText("TOILETRIES");
toiletries.addChangeListener(new javax.swing.event.ChangeListener() {
  public void stateChanged(javax.swing.event.ChangeEvent evt) {
    toiletriesStateChanged(evt);
  }
});
toiletries.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    toiletriesMouseClicked(evt);
  }
});
```

```
jLabel50.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel50.setText("Php 650.00/night");
jLabel51.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel51.setText("Php 250.00 ");
jLabel52.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel52.setText("Php 100.00");
jLabel53.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel53.setText("Php 200.00/set");
Option24.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option24.setText("RATES:");
Option24.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    Option24Option3MouseClicked(evt);
  }
});
Option25.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option25.setText("ADD-ONS:");
bedCount.setEditable(false);
bedCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
bedCount.setText("0");
```

```
jLabel54.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel54.setText("How many beds will you avail?");
    dcBed.setText("-");
    dcBed.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcBedActionPerformed(evt);
      }
    });
    acBed.setText("+");
    acBed.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acBedActionPerformed(evt);
     }
    });
    javax.swing.GroupLayout bedPanLayout = new javax.swing.GroupLayout(bedPan);
    bedPan.setLayout(bedPanLayout);
    bedPanLayout.setHorizontalGroup(
      bedPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(bedPanLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel54)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
```

```
.addComponent(bedCount, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(dcBed, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(acBed, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap())
   );
    bedPanLayout.setVerticalGroup(
      bedPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(bedPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(bedPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel54, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(bedCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(acBed)
          .addComponent(dcBed))
        .addContainerGap())
    );
    dcBlanket.setText("-");
    dcBlanket.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcBlanketActionPerformed(evt);
```

```
}
    });
    blanketCount.setEditable(false);
    blanketCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
    blanketCount.setText("0");
    acBlanket.setText("+");
    acBlanket.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acBlanketActionPerformed(evt);
      }
    });
    jLabel55.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel55.setText("How many blankets will you avail?");
    javax.swing.GroupLayout blanketPanLayout = new javax.swing.GroupLayout(blanketPan);
    blanketPan.setLayout(blanketPanLayout);
    blanketPanLayout.setHorizontalGroup(
      blanketPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(blanketPanLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel55)
        .addGap(18, 18, 18)
        .addComponent(blanketCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(dcBlanket, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(acBlanket, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap())
    );
    blanketPanLayout.setVerticalGroup(
      blanketPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(blanketPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(blanketPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
          .addComponent(jLabel55, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(blanketCount, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(acBlanket)
          .addComponent(dcBlanket))
        .addContainerGap())
    );
    jLabel56.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel56.setText("How many pillows will you avail?");
    pillowCount.setEditable(false);
    pillowCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
```

```
pillowCount.setText("0");
    acPillow.setText("+");
    acPillow.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acPillowActionPerformed(evt);
      }
    });
    dcPillow.setText("-");
    dcPillow.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcPillowActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout pillowPanLayout = new javax.swing.GroupLayout(pillowPan);
    pillowPan.setLayout(pillowPanLayout);
    pillowPanLayout.setHorizontalGroup(
      pillowPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(pillowPanLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel56)
        .addGap(30, 30, 30)
        .addComponent(pillowCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(dcPillow, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(acPillow, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
    pillowPanLayout.setVerticalGroup(
      pillowPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(pillowPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(pillowPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel56, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(pillowCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(acPillow)
          .addComponent(dcPillow))
        .addContainerGap())
    );
    acToiletries.setText("+");
    acToiletries.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acToiletriesActionPerformed(evt);
      }
    });
```

```
toiletriesCount.setEditable(false);
    toiletriesCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
    toiletriesCount.setText("0");
    dcToiletries.setText("-");
    dcToiletries.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcToiletriesActionPerformed(evt);
      }
    });
    jLabel57.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel57.setText("How many toiletries will you avail?");
    javax.swing.GroupLayout toiletriesPanLayout = new javax.swing.GroupLayout(toiletriesPan);
    toiletriesPan.setLayout(toiletriesPanLayout);
    toiletriesPanLayout.setHorizontalGroup(
      toiletriesPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(toiletriesPanLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel57)
        .addGap(18, 18, 18)
        .addComponent(toiletriesCount, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(dcToiletries, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(acToiletries, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
    );
    toiletriesPanLayout.setVerticalGroup(
      toiletriesPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(toiletriesPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(toiletriesPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELI
NE)
          .addComponent(jLabel57, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(toiletriesCount, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)
          .addComponent(acToiletries)
          .addComponent(dcToiletries))
        .addContainerGap())
    );
    javax.swing.GroupLayout addOnLayout = new javax.swing.GroupLayout(addOn);
    addOn.setLayout(addOnLayout);
    addOnLayout.setHorizontalGroup(
      addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(addOnLayout.createSequentialGroup()
        .addGap(18, 18, 18)
```

.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
addOnLayout.createSequentialGroup()
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(bed, javax.swing.GroupLayout.PREFERRED SIZE, 85,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(Option25))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(Option24)
              .addComponent(jLabel50))
            .addGap(41, 41, 41))
          .addGroup(addOnLayout.createSequentialGroup()
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(toiletries)
              .addComponent(blanket))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 484,
Short.MAX_VALUE)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel51, javax.swing.GroupLayout.PREFERRED SIZE, 121,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel53))
            .addGap(53, 53, 53))
          .addGroup(addOnLayout.createSequentialGroup()
            .addComponent(pillow, javax.swing.GroupLayout.PREFERRED SIZE, 85,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addComponent(jLabel52, javax.swing.GroupLayout.PREFERRED_SIZE, 121,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(53, 53, 53))
          .addGroup(addOnLayout.createSequentialGroup()
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(toiletriesPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(pillowPan, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
                .addComponent(bedPan, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.DEFAULT SIZE,
Short.MAX VALUE)
                .addComponent(blanketPan, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.DEFAULT SIZE,
Short.MAX VALUE)))
            .addGap(0, 327, Short.MAX VALUE))))
    );
    addOnLayout.setVerticalGroup(
      addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(addOnLayout.createSequentialGroup()
        .addGap(14, 14, 14)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(Option24)
          .addComponent(Option25))
```

```
.addGap(18, 18, 18)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(bed)
          .addComponent(jLabel50, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(bedPan, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(18, 18, 18)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(blanket)
          .addComponent(jLabel51))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(blanketPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(18, 18, 18)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(pillow)
          .addComponent(jLabel52))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(pillowPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(12, 12, 12)
.addGroup(addOnLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

.addComponent(toiletries)

.addComponent(jLabel53))

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(toiletriesPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(38, Short.MAX VALUE))
    );
    jPanel1.add(addOn, new org.netbeans.lib.awtextra.AbsoluteConstraints(6, 33, -1, -1));
    Option4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    Option4.setText("Would you be interested in availing the add-ons?");
    Option4.addMouseListener(new java.awt.event.MouseAdapter() {
      public void mouseClicked(java.awt.event.MouseEvent evt) {
        Option4MouseClicked(evt);
      }
    });
    jPanel1.add(Option4, new org.netbeans.lib.awtextra.AbsoluteConstraints(6, 7, -1, -1));
    YesOrNo.add(yes);
    yes.setText("YES");
    yes.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        yesActionPerformed(evt);
      }
    });
    jPanel1.add(yes, new org.netbeans.lib.awtextra.AbsoluteConstraints(428, 6, 98, -1));
    YesOrNo.add(no);
```

```
no.setText("NO");
    no.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        noActionPerformed(evt);
      }
    });
    ¡Panel1.add(no, new org.netbeans.lib.awtextra.AbsoluteConstraints(544, 6, 98, -1));
    jPanel2.setLayout(new org.netbeans.lib.awtextra.AbsoluteLayout());
    jPanel1.add(jPanel2, new org.netbeans.lib.awtextra.AbsoluteConstraints(768, 535, -1, -1));
    getContentPane().add(jPanel1, new org.netbeans.lib.awtextra.AbsoluteConstraints(0, 0, -1,
-1));
    next10.setText("NEXT >>");
    next10.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        next10nextActionPerformed(evt);
      }
    });
    getContentPane().add(next10, new org.netbeans.lib.awtextra.AbsoluteConstraints(680,
530, -1, 29));
    pack();
  }// </editor-fold>
  private void bedItemStateChanged(java.awt.event.ItemEvent evt) {
    // TODO add your handling code here:
```

```
}
private void bedStateChanged(javax.swing.event.ChangeEvent evt) {
  // TODO add your handling code here:
}
private void bedMouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
  if (bed.isSelected()) {
    enablePanelComponents(bedPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(bedPan, false); // Disable components in bedPan
  }
}
private void bedActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void blanketStateChanged(javax.swing.event.ChangeEvent evt) {
  // TODO add your handling code here:
}
private void blanketMouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
  if (blanket.isSelected()) {
    enablePanelComponents(blanketPan, true); // Enable components in blanketPan
```

```
} else {
    enablePanelComponents(blanketPan, false); // Disable components in blanketPan
  }
}
private void pillowStateChanged(javax.swing.event.ChangeEvent evt) {
  // TODO add your handling code here:
}
private void pillowMouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
  if (pillow.isSelected()) {
    enablePanelComponents(pillowPan, true); // Enable components in pillowPan
  } else {
    enablePanelComponents(pillowPan, false); // Disable components in pillowPan
  }
}
private void toiletriesStateChanged(javax.swing.event.ChangeEvent evt) {
  // TODO add your handling code here:
}
private void toiletriesMouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
  if (toiletries.isSelected()) {
    enablePanelComponents(toiletriesPan, true); // Enable components in toiletriesPan
  } else {
```

```
enablePanelComponents(toiletriesPan, false); // Disable components in toiletriesPan
  }
}
private void Option24Option3MouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
}
private void dcBedActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(bec != 0)
  {
    bec -= 1;
    bedCount.setText(Integer.toString(bec));
  }
}
private void acBedActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(bec < numberOfRoom)</pre>
  {
    bec += 1; // Increment the count
    bedCount.setText(Integer.toString(bec));
  }
}
```

```
private void dcBlanketActionPerformed(java.awt.event.ActionEvent evt) {
  if(bc != 0)
  {
    bc -= 1;
    blanketCount.setText(Integer.toString(bc));
  }
}
private void acBlanketActionPerformed(java.awt.event.ActionEvent evt) {
  if(bc < totalGuests)</pre>
  {
    bc += 1; // Increment the count
    blanketCount.setText(Integer.toString(bc));
  }
}
private void acPillowActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(pc < totalGuests)</pre>
  {
    pc += 1; // Increment the count
    pillowCount.setText(Integer.toString(pc));
```

```
}
}
private void dcPillowActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(pc != 0)
  {
    pc -= 1;
    pillowCount.setText(Integer.toString(pc));
  }
}
private void acToiletriesActionPerformed(java.awt.event.ActionEvent evt) {
  if(tc < totalGuests)</pre>
    tc += 1; // Increment the count
    toiletriesCount.setText(Integer.toString(tc));
  }
}
private void dcToiletriesActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(tc != 0)
  {
    tc -= 1;
    toiletriesCount.setText(Integer.toString(tc));
```

```
}
}
private void Option4MouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
}
private void yesActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  enablePanelComponents(addOn, true);
}
private void noActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  enablePanelComponents(addOn, false);
  int standard, deluxe, quadruple, family, suite;
  bed.setSelected(false);
  blanket.setSelected(false);
  pillow.setSelected(false);
  toiletries.setSelected(false);
  bc = 0; // Blanket count
  bec = 0; // Bed count
  pc = 0; // Pillow count
  tc = 0; // Toiletries count
```

```
bedCount.setText("0");
  blanketCount.setText("0");
  pillowCount.setText("0");
  toiletriesCount.setText("0");
  enablePanelComponents(bedPan, false);
  enablePanelComponents(blanketPan, false);
  enablePanelComponents(pillowPan, false);
  enablePanelComponents(toiletriesPan, false);
  }
  // Utility method to enable or disable all components in a JPanel
  private void enablePanelComponents(javax.swing.JPanel panel, boolean enable) {
    java.awt.Component() components = panel.getComponents();
    for (java.awt.Component component : components) {
      component.setEnabled(enable);
    }
private void next10nextActionPerformed(java.awt.event.ActionEvent evt) {
// int totalPrice = getTotalCost();
 // String selectedAddOns = getSelectedAddOns();
  int bedC = Integer.parseInt(bedCount.getText());
  int blanketC = Integer.parseInt(blanketCount.getText());
  int pillowC = Integer.parseInt(pillowCount.getText());
```

}

```
int toiletriesC = Integer.parseInt(toiletriesCount.getText());
     subtotalOfBed = bedC * 650;
     subtotalOfBlanket = blanketC * 250;
     subtotalOfPillow = pillowC * 100;
     subtotalOfToiletries = toiletriesC * 200;
     totalAmountOfAddOns = subtotalOfBed + subtotalOfBlanket + subtotalOfPillow +
subtotalOfToiletries;
    int response = javax.swing.JOptionPane.showConfirmDialog(
      this,
      "Total Price of Add-ons:\n" +
      "SubTotal of Bed: " + bedC + " x Php 650 = " + "Php " + subtotalOfBed + "\n" +
      "SubTotal of Blanket: " + blanketC + " x Php 250 = " + "Php " + subtotalOfBlanket + "\n" +
      "SubTotal Of Pillow: " + pillowC + " x Php 100 = " + "Php " + subtotalOfPillow + "\n" +
      "SubTotal Of Toiletries: " + tc + " x Php 200 = " + "Php " + subtotalOfToiletries + "\n\n" +
      "Total Amount: " + totalAmountOfAddOns + "\n\n" +
      "Do you want to proceed to the next page?",
      "Confirm",
      javax.swing.JOptionPane.YES NO OPTION
    );
    if (response == javax.swing.JOptionPane.YES OPTION) {
      Amenities a = new Amenities();
      a.getValues(daysOfStay,reservationNumber, idNumber, destination, season,
adultGuests,paidChildren, freeChildren, totalAmountOfAddOns, subtotalOfBed,
```

```
subtotalOfBlanket, subtotalOfPillow, subtotalOfToiletries, subTotalOfStandard,
subTotalOfDeluxe, subTotalOfQuadruple, subTotalOfFamily, subTotalOfSuite,
totalRoomSubtotal,standard,deluxe,quadruple,family,suite);
      a.setVisible(true);
      this.dispose();
     // BookingSummary bookingSummary = new BookingSummary();
      //bookingSummary.setAddOnDetails(selectedAddOns, totalPrice);
a.getValues(daysOfStay,reservationNumber, idNumber, destination, season,
adultGuests,paidChildren, freeChildren, totalAmountOfAddOns, subtotalOfBed,
subtotalOfBlanket, subtotalOfPillow, subtotalOfToiletries, subTotalOfStandard,
subTotalOfDeluxe, subTotalOfQuadruple, subTotalOfFamily, subTotalOfSuite,
totalRoomSubtotal,standard,deluxe,quadruple,family,suite;);
     // bookingSummary.setVisible(true);
    }
  }
  int standard, deluxe, quadruple, family, suite;
  public void getValue(int dos,int ag,int pc,int fc,int roomCount,String id,String rn,String
dest, String ssn, int subStandard, int subDeluxe, int subQuadruple, int subFamily, int subSuite, int
totalRoom,int standardCountMain,int deluxeCountMain,int quadrupleCountMain,int
familyCountMain,int suiteCountMain)
  {
    daysOfStay = dos;
    adultGuests = ag;
    paidChildren = pc;
    freeChildren = fc;
    totalGuests = ag + pc + fc;
    numberOfRoom = roomCount;
```

reservationNumber = rn;

```
idNumber = id;
  destination = dest;
  season = ssn;
  this.subTotalOfStandard = subStandard;
  this.subTotalOfDeluxe = subDeluxe;
  this.subTotalOfQuadruple = subQuadruple;
  this.subTotalOfFamily = subFamily;
  this.subTotalOfSuite = subSuite;
  this.totalRoomSubtotal = totalRoom;
  standard = standardCountMain;
  deluxe = deluxeCountMain;
  quadruple = quadrupleCountMain;
  family = familyCountMain;
  suite = suiteCountMain;
}
/**
* @param args the command line arguments
*/
public static void main(String args[]) {
  /* Set the Nimbus look and feel */
  //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
  /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
```

```
* For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(AddOns.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(AddOns.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(AddOns.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(AddOns.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    }
    //</editor-fold>
    //</editor-fold>
```

```
//</editor-fold>
  //</editor-fold>
  /* Create and display the form */
  java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
      new AddOns().setVisible(true);
    }
  });
}
// Variables declaration - do not modify
private javax.swing.JLabel Option24;
private javax.swing.JLabel Option25;
private javax.swing.JLabel Option4;
private javax.swing.ButtonGroup YesOrNo;
private javax.swing.JButton acBed;
private javax.swing.JButton acBlanket;
private javax.swing.JButton acPillow;
private javax.swing.JButton acToiletries;
private javax.swing.JPanel addOn;
private javax.swing.JCheckBox bed;
private javax.swing.JTextField bedCount;
private javax.swing.JPanel bedPan;
private javax.swing.JCheckBox blanket;
private javax.swing.JTextField blanketCount;
private javax.swing.JPanel blanketPan;
```

```
private javax.swing.JButton dcBed;
private javax.swing.JButton dcBlanket;
private javax.swing.JButton dcPillow;
private javax.swing.JButton dcToiletries;
private javax.swing.JLabel jLabel50;
private javax.swing.JLabel jLabel51;
private javax.swing.JLabel jLabel52;
private javax.swing.JLabel jLabel53;
private javax.swing.JLabel jLabel54;
private javax.swing.JLabel jLabel55;
private javax.swing.JLabel jLabel56;
private javax.swing.JLabel jLabel57;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JButton next10;
private javax.swing.JRadioButton no;
private javax.swing.JCheckBox pillow;
private javax.swing.JTextField pillowCount;
private javax.swing.JPanel pillowPan;
private javax.swing.JCheckBox toiletries;
private javax.swing.JTextField toiletriesCount;
private javax.swing.JPanel toiletriesPan;
private javax.swing.JRadioButton yes;
// End of variables declaration
```

}

## **AMENITIES**

```
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
import javax.swing.JOptionPane;
/**
* @author LENOVO
*/
public class Amenities extends javax.swing.JFrame {
  /**
  * Creates new form AddOnsAndAmenities
  */
  public Amenities() {
    initComponents();
    enablePanelComponents(amenities, false);
    enablePanelComponents(spaTypes, false);
    enablePanelComponents(poolPan, false);
    enablePanelComponents(gymPan, false);
    enablePanelComponents(footSpaPan, false);
    enablePanelComponents(aromaPan, false);
```

```
enablePanelComponents(thaiPan, false);
 }
  int standard, deluxe, quadruple, family, suite;
  int subTotalOfStandard, subTotalOfDeluxe, subTotalOfQuadruple, subTotalOfFamily,
subTotalOfSuite, totalRoomSubtotal;
  int totalOfAmenities;
  int numOfGuests;
  int stayDuration;
  int subtotalOfBed, subtotalOfBlanket, subtotalOfPillow, subtotalOfToiletries,
totalAmountOfAddOns;
  int adultGuests;
  int paidChildren;
  int freeChildren;
  String reservationNumber;
  String idNumber;
  String destination;
  String season;
  /**
  * This method is called from within the constructor to initialize the form.
  * WARNING: Do NOT modify this code. The content of this method is always
  * regenerated by the Form Editor.
  */
  @SuppressWarnings("unchecked")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  yesOrNo = new javax.swing.ButtonGroup();
  amenities = new javax.swing.JPanel();
  swimmingPool = new javax.swing.JCheckBox();
  gym = new javax.swing.JCheckBox();
  spa = new javax.swing.JCheckBox();
  jLabel21 = new javax.swing.JLabel();
  jLabel22 = new javax.swing.JLabel();
  Option5 = new javax.swing.JLabel();
  Option8 = new javax.swing.JLabel();
  spaTypes = new javax.swing.JPanel();
  thai = new javax.swing.JCheckBox();
  aroma = new javax.swing.JCheckBox();
  footspa = new javax.swing.JCheckBox();
  Option6 = new javax.swing.JLabel();
  jLabel23 = new javax.swing.JLabel();
  jLabel24 = new javax.swing.JLabel();
  footSpaPan = new javax.swing.JPanel();
  footSpaGuestCount = new javax.swing.JTextField();
  jLabel58 = new javax.swing.JLabel();
  dcFootSpaGuest = new javax.swing.JButton();
  acFootSpaGuest = new javax.swing.JButton();
  jLabel59 = new javax.swing.JLabel();
  footSpaMinCount = new javax.swing.JTextField();
  dcfootSpaMinCount = new javax.swing.JButton();
```

```
acFootSpaMinCount = new javax.swing.JButton();
jLabel67 = new javax.swing.JLabel();
footSpaDisCount = new javax.swing.JTextField();
dcFootSpaDiscount = new javax.swing.JButton();
acFootSpaDiscount = new javax.swing.JButton();
aromaPan = new javax.swing.JPanel();
aromaGuestCount = new javax.swing.JTextField();
jLabel60 = new javax.swing.JLabel();
dcAromaCount = new javax.swing.JButton();
asAromaCount = new javax.swing.JButton();
jLabel61 = new javax.swing.JLabel();
aromaMinCount = new javax.swing.JTextField();
dcAromaMinCount = new javax.swing.JButton();
acAromaMinCount = new javax.swing.JButton();
jLabel68 = new javax.swing.JLabel();
AromaDiscount = new javax.swing.JTextField();
dcAromaDiscount = new javax.swing.JButton();
acAromaDiscount = new javax.swing.JButton();
thaiPan = new javax.swing.JPanel();
thaiGuestCount = new javax.swing.JTextField();
jLabel62 = new javax.swing.JLabel();
dcThaiCount = new javax.swing.JButton();
acThaiCount = new javax.swing.JButton();
jLabel63 = new javax.swing.JLabel();
thaiMinCount = new javax.swing.JTextField();
dcThaiMinCount = new javax.swing.JButton();
acThaiMinCount = new javax.swing.JButton();
```

```
jLabel69 = new javax.swing.JLabel();
thaiDiscount = new javax.swing.JTextField();
dcThaiDisCount = new javax.swing.JButton();
acThaiDisCount = new javax.swing.JButton();
poolPan = new javax.swing.JPanel();
poolGuestCount = new javax.swing.JTextField();
jLabel54 = new javax.swing.JLabel();
dcPoolGuest = new javax.swing.JButton();
acPoolGuest = new javax.swing.JButton();
jLabel55 = new javax.swing.JLabel();
dayPoolCount = new javax.swing.JTextField();
dcDayPool = new javax.swing.JButton();
acDayPool = new javax.swing.JButton();
jLabel65 = new javax.swing.JLabel();
poolDisCount = new javax.swing.JTextField();
dcPoolDiscount = new javax.swing.JButton();
acPoolDiscount = new javax.swing.JButton();
gymPan = new javax.swing.JPanel();
gymGuestCount = new javax.swing.JTextField();
jLabel56 = new javax.swing.JLabel();
dcGymGuest = new javax.swing.JButton();
acGymGuest = new javax.swing.JButton();
jLabel57 = new javax.swing.JLabel();
gymDayCount = new javax.swing.JTextField();
dcDayGym = new javax.swing.JButton();
acDayGym = new javax.swing.JButton();
jLabel66 = new javax.swing.JLabel();
```

```
gymDisCount = new javax.swing.JTextField();
    dcGymDiscount = new javax.swing.JButton();
    acGymDiscount = new javax.swing.JButton();
    jLabel64 = new javax.swing.JLabel();
    Option4 = new javax.swing.JLabel();
    yes = new javax.swing.JRadioButton();
    no = new javax.swing.JRadioButton();
    jButton2 = new javax.swing.JButton();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
    amenities.setBorder(new javax.swing.border.LineBorder(new java.awt.Color(0, 0, 0), 3,
true));
    swimmingPool.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    swimmingPool.setText("SWIMMING POOL");
    swimmingPool.addMouseListener(new java.awt.event.MouseAdapter() {
      public void mouseClicked(java.awt.event.MouseEvent evt) {
        swimmingPoolMouseClicked(evt);
      }
    });
    swimmingPool.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        swimmingPoolActionPerformed(evt);
      }
    });
```

```
gym.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
gym.setText("GYM");
gym.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    gymMouseClicked(evt);
  }
});
spa.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
spa.setText("SPA");
spa.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    spaActionPerformed(evt);
  }
});
jLabel21.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
¡Label21.setText("Php 300.00/day per person");
jLabel22.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel22.setText("Php 500.00/day per person");
Option5.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option5.setText("RATES:");
Option5.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    Option5MouseClicked(evt);
```

```
}
});
Option8.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option8.setText("AMENITIES:");
spaTypes.setBorder(javax.swing.BorderFactory.createEtchedBorder());
thai.setFont(new java.awt.Font("Bookman Old Style", 1, 12)); // NOI18N
thai.setText("THAI MASSAGE");
thai.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    thaiMouseClicked(evt);
  }
});
aroma.setFont(new java.awt.Font("Bookman Old Style", 1, 12)); // NOI18N
aroma.setText("AROMA FACIAL MASSAGE");
aroma.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    aromaMouseClicked(evt);
  }
});
aroma.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    aromaActionPerformed(evt);
  }
```

```
});
footspa.setFont(new java.awt.Font("Bookman Old Style", 1, 12)); // NOI18N
footspa.setText("FOOT SPA");
footspa.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    footspaMouseClicked(evt);
  }
});
footspa.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    footspaActionPerformed(evt);
  }
});
Option6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option6.setText("Php 825.00 for 45 minutes");
Option6.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    Option6MouseClicked(evt);
  }
});
jLabel23.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel23.setText("Php 1,045.00 for 45 minutes");
jLabel24.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
```

```
jLabel24.setText("Php 1,540.00 for 75 minutes");
footSpaGuestCount.setEditable(false);
footSpaGuestCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
footSpaGuestCount.setText("0");
footSpaGuestCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    footSpaGuestCountActionPerformed(evt);
  }
});
jLabel58.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel58.setText("How many guest will avail the Foot Spa?");
dcFootSpaGuest.setText("-");
dcFootSpaGuest.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcFootSpaGuestActionPerformed(evt);
  }
});
acFootSpaGuest.setText("+");
acFootSpaGuest.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acFootSpaGuestActionPerformed(evt);
  }
});
```

```
jLabel59.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel59.setText("How many times will the guest avail the Foot Spa?");
footSpaMinCount.setEditable(false);
footSpaMinCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
footSpaMinCount.setText("0");
dcfootSpaMinCount.setText("-");
dcfootSpaMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcfootSpaMinCountActionPerformed(evt);
  }
});
acFootSpaMinCount.setText("+");
acFootSpaMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acFootSpaMinCountActionPerformed(evt);
  }
});
jLabel67.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
¡Label67.setText("How many PWD/Senior will avail?");
footSpaDisCount.setEditable(false);
footSpaDisCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
```

```
footSpaDisCount.setText("0");
    dcFootSpaDiscount.setText("-");
    dcFootSpaDiscount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcFootSpaDiscountActionPerformed(evt);
      }
    });
    acFootSpaDiscount.setText("+");
    acFootSpaDiscount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acFootSpaDiscountActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout footSpaPanLayout = new javax.swing.GroupLayout(footSpaPan);
    footSpaPan.setLayout(footSpaPanLayout);
    footSpaPanLayout.setHorizontalGroup(
      footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(footSpaPanLayout.createSequentialGroup()
        .addContainerGap()
. add Group (foot SpaPan Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEADIN) \\
          .addComponent(jLabel58)
          .addComponent(jLabel67))
        .addGap(67, 67, 67)
```

G)

```
.addGroup(footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
                       .addGroup(footSpaPanLayout.createSequentialGroup()
                            .addComponent(footSpaGuestCount, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            .addComponent(dcFootSpaGuest, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            .addComponent(acFootSpaGuest, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
                            .addGap(18, 18, 18)
                            .addComponent(jLabel59)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 52,
Short.MAX VALUE)
                            .addComponent(footSpaMinCount, javax.swing.GroupLayout.PREFERRED_SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            .addComponent(dcfootSpaMinCount, javax.swing.GroupLayout.PREFERRED_SIZE,
37, javax.swing.GroupLayout.PREFERRED SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                            . add Component (acFootSpaMinCount, javax.swing. GroupLayout. PREFERRED\_SIZE, add Count, javax.swing. GroupLayout. Preferred (acFootSpaMinCount, javax.swing. GroupLayout. Preferred (acFootSpaMinCount, javax.swing. GroupLayout. Preferred (acFootSpaMinCount, javax.swing. GroupLayout. Preferred (acFootSpaMinCount, javax.swing. GroupLayout. Preferred (acFootSpaMinCount) (acFootSpaMinCount, javax.swing. GroupLayout. Preferred (acFootSpaMinCount) (acFootSpaMinCo
39, javax.swing.GroupLayout.PREFERRED_SIZE))
                       .addGroup(footSpaPanLayout.createSequentialGroup()
                            .addComponent(footSpaDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
                            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

.addComponent(dcFootSpaDiscount, javax.swing.GroupLayout.PREFERRED\_SIZE,

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

37, javax.swing.GroupLayout.PREFERRED SIZE)

```
.addComponent(acFootSpaDiscount, javax.swing.GroupLayout.PREFERRED SIZE,
39, javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(0, 0, Short.MAX VALUE)))
        .addContainerGap())
    );
    footSpaPanLayout.setVerticalGroup(
      footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(footSpaPanLayout.createSequentialGroup()
        .addContainerGap()
. add Group (foot SpaPan Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEADIN) \\
G)
.addGroup(footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
            .addComponent(footSpaGuestCount, javax.swing.GroupLayout.PREFERRED_SIZE,
31, javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(acFootSpaGuest)
            .addComponent(dcFootSpaGuest)
            .addComponent(jLabel58, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE))
.addGroup(footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
            .addComponent(jLabel59, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(footSpaMinCount, javax.swing.GroupLayout.PREFERRED_SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(acFootSpaMinCount)
            .addComponent(dcfootSpaMinCount)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
```

```
.addGroup(footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADIN
G)
          .addComponent(jLabel67, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
.addGroup(footSpaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN)
E)
            .addComponent(footSpaDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 31,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(dcFootSpaDiscount)
            .addComponent(acFootSpaDiscount)))
        .addContainerGap(9, Short.MAX VALUE))
    );
    aromaGuestCount.setEditable(false);
    aromaGuestCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
    aromaGuestCount.setText("0");
    jLabel60.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel60.setText("How many guest will avail the A.F.M.?");
    dcAromaCount.setText("-");
    dcAromaCount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcAromaCountActionPerformed(evt);
      }
    });
```

```
asAromaCount.setText("+");
asAromaCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    asAromaCountActionPerformed(evt);
  }
});
jLabel61.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel61.setText("How many times will the guest avail the A.F.M.?");
aromaMinCount.setEditable(false);
aromaMinCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
aromaMinCount.setText("0");
aromaMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    aromaMinCountActionPerformed(evt);
  }
});
dcAromaMinCount.setText("-");
dcAromaMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcAromaMinCountActionPerformed(evt);
  }
});
acAromaMinCount.setText("+");
```

```
acAromaMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acAromaMinCountActionPerformed(evt);
  }
});
jLabel68.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel68.setText("How many PWD/Senior will avail?");
AromaDiscount.setEditable(false);
AromaDiscount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
AromaDiscount.setText("0");
dcAromaDiscount.setText("-");
dcAromaDiscount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcAromaDiscountActionPerformed(evt);
  }
});
acAromaDiscount.setText("+");
acAromaDiscount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acAromaDiscountActionPerformed(evt);
  }
});
```

```
javax.swing.GroupLayout aromaPanLayout = new javax.swing.GroupLayout(aromaPan);
    aromaPan.setLayout(aromaPanLayout);
    aromaPanLayout.setHorizontalGroup(
      aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
aromaPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addGroup(aromaPanLayout.createSequentialGroup()
            .addComponent(jLabel68)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addComponent(AromaDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(dcAromaDiscount, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acAromaDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(aromaPanLayout.createSequentialGroup()
            .addComponent(jLabel60)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addComponent(aromaGuestCount, javax.swing.GroupLayout.PREFERRED_SIZE,
71, javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(dcAromaCount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(asAromaCount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addGap(18, 18, 18)
        .addComponent(jLabel61)
        .addGap(68, 68, 68)
        .addComponent(aromaMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(dcAromaMinCount, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(acAromaMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap())
   );
    aromaPanLayout.setVerticalGroup(
      aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(aromaPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
            .addComponent(aromaGuestCount, javax.swing.GroupLayout.PREFERRED_SIZE,
31, javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(asAromaCount)
            .addComponent(dcAromaCount))
```

```
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
            .addComponent(jLabel61, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(aromaMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(acAromaMinCount)
            .addComponent(dcAromaMinCount))
          .addComponent(jLabel60, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE))
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(aromaPanLayout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(aromaPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE
)
              .addComponent(AromaDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 31,
javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(dcAromaDiscount)
              .addComponent(acAromaDiscount)))
          .addGroup(aromaPanLayout.createSequentialGroup()
            .addGap(1, 1, 1)
            .addComponent(jLabel68, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addContainerGap(9, Short.MAX VALUE))
    );
    thaiGuestCount.setEditable(false);
```

```
thaiGuestCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
thaiGuestCount.setText("0");
jLabel62.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel62.setText("How many guest will avail the Thai Massage?");
dcThaiCount.setText("-");
dcThaiCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcThaiCountActionPerformed(evt);
  }
});
acThaiCount.setText("+");
acThaiCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acThaiCountActionPerformed(evt);
  }
});
jLabel63.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel63.setText("How many times will the guest avail the Thai Massage?");
thaiMinCount.setEditable(false);
thaiMinCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
thaiMinCount.setText("0");
```

```
dcThaiMinCount.setText("-");
dcThaiMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcThaiMinCountActionPerformed(evt);
  }
});
acThaiMinCount.setText("+");
acThaiMinCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acThaiMinCountActionPerformed(evt);
  }
});
jLabel69.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel69.setText("How many PWD/Senior will avail?");
thaiDiscount.setEditable(false);
thaiDiscount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
thaiDiscount.setText("0");
dcThaiDisCount.setText("-");
dcThaiDisCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcThaiDisCountActionPerformed(evt);
  }
});
```

```
acThaiDisCount.setText("+");
    acThaiDisCount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acThaiDisCountActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout thaiPanLayout = new javax.swing.GroupLayout(thaiPan);
    thaiPan.setLayout(thaiPanLayout);
    thaiPanLayout.setHorizontalGroup(
      thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(thaiPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addComponent(jLabel62)
            .addGap(18, 32, Short.MAX VALUE)
            .addComponent(thaiGuestCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addComponent(jLabel69)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addComponent(thaiDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addComponent(dcThaiCount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acThaiCount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(18, 18, 18)
            .addComponent(jLabel63)
            .addGap(20, 20, 20)
            .addComponent(thaiMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(dcThaiMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acThaiMinCount, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addComponent(dcThaiDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acThaiDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addContainerGap())
   );
    thaiPanLayout.setVerticalGroup(
      thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(thaiPanLayout.createSequentialGroup()
```

```
.addContainerGap()
```

```
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(thaiGuestCount, javax.swing.GroupLayout.PREFERRED SIZE, 32,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(acThaiCount)
            .addComponent(dcThaiCount))
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel63, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(thaiMinCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(acThaiMinCount)
            .addComponent(dcThaiMinCount))
          .addComponent(jLabel62, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE))
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addGap(11, 11, 11)
            .addComponent(jLabel69, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(thaiPanLayout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(thaiPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(thaiDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 32,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addComponent(dcThaiDisCount)
              .addComponent(acThaiDisCount))))
        .addContainerGap(13, Short.MAX VALUE))
    );
   javax.swing.GroupLayout spaTypesLayout = new javax.swing.GroupLayout(spaTypes);
    spaTypes.setLayout(spaTypesLayout);
    spaTypesLayout.setHorizontalGroup(
      spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(spaTypesLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(spaTypesLayout.createSequentialGroup()
            .addComponent(thaiPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(0, 0, Short.MAX VALUE))
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
spaTypesLayout.createSequentialGroup()
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
              .addGroup(spaTypesLayout.createSequentialGroup()
                .addComponent(thai)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
                .addComponent(jLabel24))
              .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
spaTypesLayout.createSequentialGroup()
```

```
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                .addComponent(footspa)
                                                .addComponent(aroma))
                                           .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                                .addComponent(Option6)
                                                .addComponent(jLabel23))))
                                .addGap(19, 19, 19))
                          .addGroup(spaTypesLayout.createSequentialGroup()
. add Group (spaTypes Layout.create Parallel Group (javax.swing. Group Layout. A lignment. TRAILING, the state of the st
false)
                                     .addComponent(aromaPan, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.DEFAULT SIZE,
Short.MAX_VALUE)
                                     .addComponent(footSpaPan, javax.swing.GroupLayout.Alignment.LEADING,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.DEFAULT SIZE,
Short.MAX VALUE))
                                .addContainerGap(40, Short.MAX VALUE))))
          );
          spaTypesLayout.setVerticalGroup(
                spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(spaTypesLayout.createSequentialGroup()
                     .addContainerGap()
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                          .addComponent(Option6)
```

```
.addComponent(footspa))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(footSpaPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel23, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(aroma))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(aromaPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(spaTypesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(thai)
          .addComponent(jLabel24))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(thaiPan, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(15, Short.MAX VALUE))
    );
    poolGuestCount.setEditable(false);
    poolGuestCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
    poolGuestCount.setText("0");
    poolGuestCount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
poolGuestCountActionPerformed(evt);
  }
});
jLabel54.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel54.setText("How many guest will avail the Swimming Pool?");
dcPoolGuest.setText("-");
dcPoolGuest.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcPoolGuestActionPerformed(evt);
  }
});
acPoolGuest.setText("+");
acPoolGuest.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acPoolGuestActionPerformed(evt);
  }
});
jLabel55.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel55.setText("How many days will the guest avail the Swimming Pool?");
dayPoolCount.setEditable(false);
dayPoolCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
dayPoolCount.setText("0");
```

```
dcDayPool.setText("-");
dcDayPool.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcDayPoolActionPerformed(evt);
  }
});
acDayPool.setText("+");
acDayPool.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acDayPoolActionPerformed(evt);
  }
});
jLabel65.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel65.setText("How many PWD/Senior will avail?");
poolDisCount.setEditable(false);
poolDisCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
poolDisCount.setText("0");
dcPoolDiscount.setText("-");
dcPoolDiscount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcPoolDiscountActionPerformed(evt);
  }
```

```
});
    acPoolDiscount.setText("+");
    acPoolDiscount.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acPoolDiscountActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout poolPanLayout = new javax.swing.GroupLayout(poolPan);
    poolPan.setLayout(poolPanLayout);
    poolPanLayout.setHorizontalGroup(
      poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(poolPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel54)
          .addComponent(jLabel65))
        .addGap(25, 25, 25)
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(poolPanLayout.createSequentialGroup()
            .addComponent(poolGuestCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(dcPoolGuest, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addGap(18, 18, 18)
            .addComponent(acPoolGuest, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jLabel55)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(dayPoolCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            . add Preferred Gap (javax. swing. Layout Style. Component Placement. RELATED) \\
            .addComponent(dcDayPool, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acDayPool, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(poolPanLayout.createSequentialGroup()
            .addComponent(poolDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(dcPoolDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(acPoolDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addContainerGap(54, Short.MAX VALUE))
   );
    poolPanLayout.setVerticalGroup(
      poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(poolPanLayout.createSequentialGroup()
        .addContainerGap()
```

```
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel55, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(dayPoolCount, javax.swing.GroupLayout.PREFERRED SIZE, 41,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addComponent(acDayPool)
            .addComponent(dcDayPool))
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
            .addComponent(jLabel54, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(poolGuestCount, javax.swing.GroupLayout.PREFERRED SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addComponent(dcPoolGuest)
            .addComponent(acPoolGuest)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(poolPanLayout.createSequentialGroup()
            .addComponent(jLabel65, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(0, 0, Short.MAX VALUE))
          .addGroup(poolPanLayout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 1,
Short.MAX_VALUE)
.addGroup(poolPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
```

```
.addComponent(poolDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(dcPoolDiscount)
              .addComponent(acPoolDiscount))))
        .addContainerGap())
    );
    poolPanLayout.linkSize(javax.swing.SwingConstants.VERTICAL, new java.awt.Component[]
{poolDisCount, poolGuestCount});
    gymGuestCount.setEditable(false);
    gymGuestCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
    gymGuestCount.setText("0");
    jLabel56.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel56.setText("How many guest will avail the Gym?");
    dcGymGuest.setText("-");
    dcGymGuest.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        dcGymGuestActionPerformed(evt);
      }
    });
    acGymGuest.setText("+");
    acGymGuest.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        acGymGuestActionPerformed(evt);
```

```
}
});
jLabel57.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel57.setText("How many days will the guest avail the Gym?");
gymDayCount.setEditable(false);
gymDayCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
gymDayCount.setText("0");
dcDayGym.setText("-");
dcDayGym.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcDayGymActionPerformed(evt);
  }
});
acDayGym.setText("+");
acDayGym.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acDayGymActionPerformed(evt);
  }
});
jLabel66.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel66.setText("How many PWD/Senior will avail?");
```

```
gymDisCount.setEditable(false);
gymDisCount.setHorizontalAlignment(javax.swing.JTextField.CENTER);
gymDisCount.setText("0");
gymDisCount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    gymDisCountActionPerformed(evt);
  }
});
dcGymDiscount.setText("-");
dcGymDiscount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    dcGymDiscountActionPerformed(evt);
 }
});
acGymDiscount.setText("+");
acGymDiscount.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acGymDiscountActionPerformed(evt);
  }
});
javax.swing.GroupLayout gymPanLayout = new javax.swing.GroupLayout(gymPan);
gymPan.setLayout(gymPanLayout);
gymPanLayout.setHorizontalGroup(
  gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(gymPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel56)
          .addComponent(jLabel66))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
          .addGroup(gymPanLayout.createSequentialGroup()
            .addComponent(gymDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(dcGymDiscount, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acGymDiscount, javax.swing.GroupLayout.PREFERRED_SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(457, 457, 457))
          .addGroup(gymPanLayout.createSequentialGroup()
            .addComponent(gymGuestCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(dcGymGuest, javax.swing.GroupLayout.PREFERRED SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(acGymGuest, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
```

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addComponent(jLabel57, javax.swing.GroupLayout.PREFERRED_SIZE, 416,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)))
        .addComponent(gymDayCount, javax.swing.GroupLayout.PREFERRED SIZE, 71,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(dcDayGym, javax.swing.GroupLayout.PREFERRED_SIZE, 37,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(acDayGym, javax.swing.GroupLayout.PREFERRED SIZE, 39,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(28, 28, 28))
   );
    gymPanLayout.setVerticalGroup(
      gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(gymPanLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(gymPanLayout.createSequentialGroup()
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                .addComponent(gymDayCount, javax.swing.GroupLayout.PREFERRED_SIZE,
41, javax.swing.GroupLayout.PREFERRED SIZE)
                .addComponent(acDayGym)
                .addComponent(dcDayGym))
```

```
.addComponent(jLabel56, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addComponent(jLabel66, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED_SIZE))
          .addGroup(gymPanLayout.createSequentialGroup()
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(gymGuestCount, javax.swing.GroupLayout.PREFERRED SIZE,
33, javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(acGymGuest)
              .addComponent(dcGymGuest)
              .addComponent(jLabel57))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(gymPanLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(gymDisCount, javax.swing.GroupLayout.PREFERRED SIZE, 33,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(dcGymDiscount)
              .addComponent(acGymDiscount))))
        .addContainerGap(22, Short.MAX VALUE))
    );
   jLabel64.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    ¡Label64.setText("Discounted Customer: PWD and Senior (20%) ");
    javax.swing.GroupLayout amenitiesLayout = new javax.swing.GroupLayout(amenities);
    amenities.setLayout(amenitiesLayout);
    amenitiesLayout.setHorizontalGroup(
```

```
amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
amenitiesLayout.createSequentialGroup()
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addGroup(amenitiesLayout.createSequentialGroup()
            .addContainerGap()
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addGroup(amenitiesLayout.createSequentialGroup()
                .addComponent(spa, javax.swing.GroupLayout.PREFERRED_SIZE, 85,
javax.swing.GroupLayout.PREFERRED SIZE)
                .addGap(41, 1108, Short.MAX VALUE))
              .addComponent(spaTypes, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
              .addComponent(gymPan, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
              .addGroup(amenitiesLayout.createSequentialGroup()
                .addComponent(gym)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                .addComponent(jLabel22, javax.swing.GroupLayout.PREFERRED_SIZE, 233,
javax.swing.GroupLayout.PREFERRED SIZE)
                .addGap(15, 15, 15))))
          .addGroup(amenitiesLayout.createSequentialGroup()
            .addGap(18, 18, 18)
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addGroup(amenitiesLayout.createSequentialGroup()
```

.addComponent(swimmingPool)

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
              .addGroup(amenitiesLayout.createSequentialGroup()
                .addComponent(Option8)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
                .addComponent(jLabel64)
                .addGap(50, 50, 50)))
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(Option5)
              .addComponent(jLabel21))
            .addGap(41, 41, 41)))
        .addGap(14, 14, 14))
      .addGroup(amenitiesLayout.createSequentialGroup()
        .addContainerGap()
        .addComponent(poolPan, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addContainerGap())
   );
    amenitiesLayout.setVerticalGroup(
      amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(amenitiesLayout.createSequentialGroup()
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(amenitiesLayout.createSequentialGroup()
            .addGap(14, 14, 14)
```

.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

```
.addComponent(Option5)
              .addComponent(Option8)))
          .addGroup(amenitiesLayout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel64, javax.swing.GroupLayout.PREFERRED SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel21, javax.swing.GroupLayout.PREFERRED_SIZE, 15,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(swimmingPool))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(poolPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(amenitiesLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(gym)
          .addComponent(jLabel22))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(gymPan, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(spa)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
        .addComponent(spaTypes, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(29, 29, 29))
```

```
);
Option4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
Option4.setText("Would you be interested in availing the amenities?");
Option4.addMouseListener(new java.awt.event.MouseAdapter() {
  public void mouseClicked(java.awt.event.MouseEvent evt) {
    Option4MouseClicked(evt);
 }
});
yesOrNo.add(yes);
yes.setText("YES");
yes.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    yesActionPerformed(evt);
  }
});
yesOrNo.add(no);
no.setText("NO");
no.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    noActionPerformed(evt);
  }
});
¡Button2.setText("Next >>");
```

```
jButton2.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        ¡Button2ActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addGap(23, 23, 23)
        .addComponent(Option4)
        .addGap(60, 60, 60)
        .addComponent(yes, javax.swing.GroupLayout.PREFERRED SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addGap(18, 18, 18)
        .addComponent(no, javax.swing.GroupLayout.PREFERRED_SIZE, 98,
javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
        .addComponent(jButton2)
        .addGap(71, 71, 71))
      .addGroup(layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(amenities, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
        .addContainerGap())
```

```
);
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addGap(12, 12, 12)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(Option4)
          .addComponent(yes)
          .addComponent(no)
          .addComponent(jButton2))
        .addGap(18, 18, 18)
        .addComponent(amenities, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(19, Short.MAX VALUE))
    );
    pack();
  }// </editor-fold>
  public void getValues(int dos, String rn, String id, String dest, String ssn,
      int ag, int pc, int fc,
      int totalAmountOfAddOns, int subtotalOfBed, int subtotalOfBlanket,
      int subtotalOfPillow, int subtotalOfToiletries, int subStandard, int subDeluxe, int
subQuadruple, int subFamily, int subSuite, int totalRoom, int standardCountMain, int
deluxeCountMain,int quadrupleCountMain,int familyCountMain,int suiteCountMain)
  {
    reservationNumber = rn;
```

```
idNumber = id;
  destination = dest;
  season = ssn;
  stayDuration = dos;
  adultGuests = ag;
  paidChildren = pc;
  freeChildren = fc;
  numOfGuests = adultGuests + paidChildren + freeChildren;
  this.subTotalOfStandard = subStandard;
  this.subTotalOfDeluxe = subDeluxe;
  this.subTotalOfQuadruple = subQuadruple;
  this.subTotalOfFamily = subFamily;
  this.subTotalOfSuite = subSuite;
  this.totalRoomSubtotal = totalRoom;
  standard = standardCountMain;
  deluxe = deluxeCountMain;
  quadruple = quadrupleCountMain;
  family = familyCountMain;
  suite = suiteCountMain;
}
private void forCalculation()
```

```
// Calculate Room Subtotals
      // Total Add-Ons
      int totalAmountOfAddOns = subtotalOfBed + subtotalOfBlanket + subtotalOfPillow +
subtotalOfToiletries;
      int totalOfAll = totalAmountOfAddOns + totalRoomSubtotal + totalOfAmenities;
      // Output Results
      System.out.println("Room Subtotals:");
      System.out.println("Standard Room: " + subTotalOfStandard);
      System.out.println("Deluxe Room: " + subTotalOfDeluxe);
      System.out.println("Quadruple Room: " + subTotalOfQuadruple);
      System.out.println("Family Room: " + subTotalOfFamily);
      System.out.println("Suite Room: " + subTotalOfSuite);
      System.out.println("Total Room Subtotal: " + totalRoomSubtotal);
      System.out.println("Add-On Subtotals:");
      System.out.println("Bed: " + subtotalOfBed);
      System.out.println("Blanket: " + subtotalOfBlanket);
      System.out.println("Pillow: " + subtotalOfPillow);
      System.out.println("Toiletries: " + subtotalOfToiletries);
      System.out.println("Total Add-Ons: " + totalAmountOfAddOns);
      System.out.println("Total: " + totalOfAll);
```

```
System.out.println("Reservation Number: " + reservationNumber);
      System.out.println("ID Number: " + idNumber);
      System.out.println("Destination: " + destination);
      System.out.println("Season: " + season);
      System.out.println("Number of Guests: " + numOfGuests);
      System.out.println("Stay Duration: " + stayDuration + " days");
      Payment p = new Payment();
      p.priceToPay.setText(String.valueOf(totalOfAll));
      p.getValues(totalOfAll,standard,deluxe,quadruple,family,suite,reservationNumber,
idNumber, destination, season, adultGuests, paidChildren, freeChildren, sb);
      p.setVisible(true);
      this.dispose();
 }
  private void swimmingPoolMouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
   if (swimmingPool.isSelected()) {
```

System.out.println("Reservation Details:");

```
enablePanelComponents(poolPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(poolPan, false); // Disable components in bedPan
  }
}
private void swimmingPoolActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void gymMouseClicked(java.awt.event.MouseEvent evt) {
 // TODO add your handling code here:
  if (gym.isSelected()) {
    enablePanelComponents(gymPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(gymPan, false); // Disable components in bedPan
  }
}
private void spaActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  javax.swing.JCheckBox checkBox = (javax.swing.JCheckBox) evt.getSource();
 // Check if the checkbox is selected
 if (checkBox.isSelected()) {
    enablePanelComponents(spaTypes, true); // Enable components
  } else {
```

```
enablePanelComponents(spaTypes, false); // Disable components
  }
}
private void Option5MouseClicked(java.awt.event.MouseEvent evt) {
 // TODO add your handling code here:
}
private void thaiMouseClicked(java.awt.event.MouseEvent evt) {
 // TODO add your handling code here:
  if (thai.isSelected()) {
    enablePanelComponents(thaiPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(thaiPan, false); // Disable components in bedPan
  }
}
private void aromaMouseClicked(java.awt.event.MouseEvent evt) {
 // TODO add your handling code here:
  if (aroma.isSelected()) {
    enablePanelComponents(aromaPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(aromaPan, false); // Disable components in bedPan
  }
}
private void aromaActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
}
private void footspaMouseClicked(java.awt.event.MouseEvent evt) {
  // TODO add your handling code here:
  if (footspa.isSelected()) {
    enablePanelComponents(footSpaPan, true); // Enable components in bedPan
  } else {
    enablePanelComponents(footSpaPan, false); // Disable components in bedPan
  }
}
private void footspaActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void Option6MouseClicked(java.awt.event.MouseEvent evt) {
 // TODO add your handling code here:
}
int fs;
private void dcFootSpaGuestActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
  if(fs != 0) {
    fs -= 1;
    footSpaGuestCount.setText(Integer.toString(fs));
  }
```

```
if (fs == 0) {
    fs = 0;
    footSpaMinCount.setText("0");
  }
}
private void acFootSpaGuestActionPerformed(java.awt.event.ActionEvent evt) {
if(fs + fsdc < numOfGuests)</pre>
  fs += 1; // Increment the count
  footSpaGuestCount.setText(Integer.toString(fs));
}
int fsmd;
private void dcfootSpaMinCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(fsmd > 0 \&\& fsmd != 0)
  {
    fsmd -= 1;
    footSpaMinCount.setText(Integer.toString(fsmd));
  }
}
private void acFootSpaMinCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(fsmd < stayDuration) {</pre>
    fsmd += 1;
```

```
footSpaMinCount.setText(Integer.toString(fsmd));
  }
}
int afm;
private void dcAromaCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(afm != 0) {
    afm -= 1;
    aromaGuestCount.setText(Integer.toString(afm));
  }
  if (afm == 0) {
    afm = 0;
    aromaMinCount.setText("0");
  }
}
private void asAromaCountActionPerformed(java.awt.event.ActionEvent evt) {
  if (afm + afmdc < numOfGuests)</pre>
  {
    afm += 1; // Increment the count
    aromaGuestCount.setText(Integer.toString(afm));
  }
}
int afmd;
private void dcAromaMinCountActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
  if(afmd > 0 \&\& afmd != 0) {
    afmd -= 1;
    aromaMinCount.setText(Integer.toString(afmd));
  }
}
private void acAromaMinCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(afmd <stayDuration) { // Only allow if at least one guest is availing the aroma
    afmd += 1; // Increment the number of minutes availed
    aromaMinCount.setText(Integer.toString(afmd));
  }
}
int tmg;
private void dcThaiCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(tmg != 0) {
    tmg -= 1;
    thaiGuestCount.setText(Integer.toString(tmg));
  }
  if (tmg == 0) {
    tmg = 0;
    thaiGuestCount.setText("0");
  }
}
```

```
private void acThaiCountActionPerformed(java.awt.event.ActionEvent evt) {
  if (tmg + tmdc< numOfGuests)</pre>
  {
    tmg += 1; // Increment the count
    thaiGuestCount.setText(Integer.toString(tmg));
  }
}
int tmd;
private void dcThaiMinCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(tmd > 0 \&\& tmd != 0)
  {
    tmd -= 1;
    thaiMinCount.setText(Integer.toString(tmd));
  }
}
private void acThaiMinCountActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(tmd < stayDuration) {</pre>
    tmd += 1;
    thaiMinCount.setText(Integer.toString(tmd));
  }
}
```

```
int sp;
private void dcPoolGuestActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if (sp > 0 \&\& sp != 0) {
    sp -= 1;
    poolGuestCount.setText(Integer.toString(sp));
  }
  if (sp == 0) {
    sp = 0;
    dayPoolCount.setText("0");
  }
}
private void acPoolGuestActionPerformed(java.awt.event.ActionEvent evt) {
  if(sp + spdc < numOfGuests)</pre>
    sp += 1; // Increment the count
    poolGuestCount.setText(Integer.toString(sp));
  }
}
int spd;
private void dcDayPoolActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  if(spd > 0 \&\& spd != 0)
  {
```

```
spd -= 1;
      dayPoolCount.setText(Integer.toString(spd));
    }
  }
  private void acDayPoolActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if(spd < stayDuration) {</pre>
      spd += 1;
      dayPoolCount.setText(Integer.toString(spd));
    }
    else if(spd == stayDuration)
    {
      JOptionPane.showMessageDialog(this, "Number of days to avail must be less than or
equal to the stay duration.", "Title", JOptionPane.INFORMATION_MESSAGE);
    }
  }
  int gymc;
  private void dcGymGuestActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    if (gymc > 0 \&\& gymc != 0) {
      gymc -= 1;
      gymGuestCount.setText(Integer.toString(gymc));
    }
    if (gymc == 0) {
      gymc = 0;
```

```
gymGuestCount.setText("0");
  }
}
private void acGymGuestActionPerformed(java.awt.event.ActionEvent evt) {
  if(gymc + gymdc < numOfGuests)</pre>
  {
    gymc += 1; // Increment the count
    gymGuestCount.setText(Integer.toString(gymc));
  }
}
int gymd;
private void dcDayGymActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
  if(gymd> 0 && gymd!= 0)
  {
    gymd -= 1;
    gymDayCount.setText(Integer.toString(gymd));
  }
}
private void acDayGymActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
  if(gymd < stayDuration) {</pre>
    gymd += 1;
    gymDayCount.setText(Integer.toString(gymd));
```

```
}
    else if(gymd == stayDuration)
    {
      JOptionPane.showMessageDialog(this, "Number of days to avail must be less than or
equal to the stay duration.", "Error", JOptionPane.INFORMATION_MESSAGE);
    }
  }
  private void Option4MouseClicked(java.awt.event.MouseEvent evt) {
    // TODO add your handling code here:
  }
  private void yesActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    enablePanelComponents(amenities, true);
  }
  private void noActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    enablePanelComponents(amenities, false);
    enablePanelComponents(spaTypes, false);
    swimmingPool.setSelected(false);
    gym.setSelected(false);
    footspa.setSelected(false);
    aroma.setSelected(false);
    thai.setSelected(false);
```

```
// Reset counts to zero
sp = 0; // Swimming Pool Guest Count
spdc = 0;
spd = 0; // Swimming Pool Day Count
gymc = 0; // Gym Guest Count
gymdc = 0;
gymd = 0; // Gym Day Count
fs = 0; // Foot Spa Count
fsdc = 0;
fsmd = 0; // Foot Spa Minutes
afm = 0; // Aroma Count
afmdc = 0;
afmd = 0; // Aroma Minutes
tmg = 0; // Thai Massage Count
tmdc = 0;
tmd = 0; // Thai Massage Minutes
// Update display labels for all counts
poolGuestCount.setText("0");
dayPoolCount.setText("0");
gymGuestCount.setText("0");
gymDayCount.setText("0");
footSpaGuestCount.setText("0");
footSpaMinCount.setText("0");
aromaGuestCount.setText("0");
aromaMinCount.setText("0");
```

```
thaiGuestCount.setText("0");
  thaiMinCount.setText("0");
  // Optionally disable related panels
  enablePanelComponents(poolPan, false);
  enablePanelComponents(gymPan, false);
  enablePanelComponents(footSpaPan, false);
  enablePanelComponents(aromaPan, false);
  enablePanelComponents(thaiPan, false);
 // Show confirmation dialog to proceed to the Booking Summary
  }
  // Utility method to enable or disable all components in a JPanel
  private void enablePanelComponents(javax.swing.JPanel panel, boolean enable) {
    java.awt.Component() components = panel.getComponents();
    for (java.awt.Component component : components) {
      component.setEnabled(enable);
    }
}
private void poolGuestCountActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
int spdc;
private void dcPoolDiscountActionPerformed(java.awt.event.ActionEvent evt) {
```

```
if (spdc > 0 \&\& sp != 0) {
      sp -= 1;
      poolDisCount.setText(Integer.toString(sp));
    }
    if (spdc == 0) {
      spdc = 0;
      poolDisCount.setText("0");
    }
  }
  private void acPoolDiscountActionPerformed(java.awt.event.ActionEvent evt) {
     if (spdc + sp < numOfGuests)
     {
      spdc += 1; // Increment the count
      poolDisCount.setText(Integer.toString(spdc));
     else if(spd == numOfGuests)
    {
      JOptionPane.showMessageDialog(this, "The number must be less than or equal to the
total number of guests.", "Error", JOptionPane.INFORMATION_MESSAGE);
    }
    // TODO add your handling code here:
  }
  private void gymDisCountActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
  }
  int gymdc;
  private void dcGymDiscountActionPerformed(java.awt.event.ActionEvent evt) {
    if (gymdc > 0 \&\& gymdc != 0) {
      gymdc -= 1;
      gymDisCount.setText(Integer.toString(gymdc));
    }
    if (gymdc == 0) {
      gymdc = 0;
      gymDisCount.setText("0");
    }
// TODO add your handling code here:
  }
  private void acGymDiscountActionPerformed(java.awt.event.ActionEvent evt) {
    if(gymdc + gymc < numOfGuests)</pre>
    {
    gymdc += 1; // Increment the count
    gymDisCount.setText(Integer.toString(gymdc));
    }
    else if(gymdc == numOfGuests)
      JOptionPane.showMessageDialog(this, "The number must be less than or equal to the
total number of guests.", "Error", JOptionPane.INFORMATION MESSAGE);
    }
```

```
}
int fsdc;
private void dcFootSpaDiscountActionPerformed(java.awt.event.ActionEvent evt) {
  if (fsdc > 0 && fsdc != 0) {
    fsdc -= 1;
    footSpaDisCount.setText(Integer.toString(fsdc));
  }
  if (fsdc == 0) {
    fsdc = 0;
    footSpaDisCount.setText("0");
  }
  // TODO add your handling code here:
}
private void acFootSpaDiscountActionPerformed(java.awt.event.ActionEvent evt) {
  if(fsdc + fs< numOfGuests)</pre>
  {
  fsdc += 1; // Increment the count
  footSpaDisCount.setText(Integer.toString(fsdc));
  }
  else if(fsdc == numOfGuests)
  {
    JOptionPane.showMessageDialog(this, "The number must be less than or equal to the
```

total number of guests.", "Error", JOptionPane.INFORMATION MESSAGE);

```
}
// TODO add your handling code here:
 }
  int afmdc;
  private void dcAromaDiscountActionPerformed(java.awt.event.ActionEvent evt) {
    if (afmdc > 0 && afmdc != 0) {
      afmdc -= 1;
      AromaDiscount.setText(Integer.toString(afmdc));
    }
    if (afmdc == 0) {
      afmdc = 0;
      AromaDiscount.setText("0");
    }
// TODO add your handling code here:
  }
  private void acAromaDiscountActionPerformed(java.awt.event.ActionEvent evt) {
    if(afmdc < numOfGuests)</pre>
    {
      afmdc += 1; // Increment the count
      AromaDiscount.setText(Integer.toString(afmdc));
    }
    else if(afmdc == numOfGuests)
    {
```

```
JOptionPane.showMessageDialog(this, "The number must be less than or equal to the
total number of guests.", "Error", JOptionPane.INFORMATION_MESSAGE);
    }
  }
  int tmdc;
  private void dcThaiDisCountActionPerformed(java.awt.event.ActionEvent evt) {
    if (tmdc > 0 \&\& tmdc != 0) {
      tmdc -= 1;
      thaiDiscount.setText(Integer.toString(tmdc));
    }
    if (tmdc == 0) {
      tmdc = 0;
      thaiDiscount.setText("0");
    }
// TODO add your handling code here:
  }
  private void acThaiDisCountActionPerformed(java.awt.event.ActionEvent evt) {
    if(tmdc + tmg < numOfGuests)</pre>
    {
      tmdc += 1; // Increment the count
      thaiDiscount.setText(Integer.toString(tmdc));
    }
    else if(tmdc == numOfGuests)
    {
      JOptionPane.showMessageDialog(this, "The number must be less than or equal to the
```

total number of guests.", "Error", JOptionPane.INFORMATION MESSAGE);

```
}
 // TODO add your handling code here:
}
private void footSpaGuestCountActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void aromaMinCountActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
StringBuilder sb = new StringBuilder();
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
  int subTotalOfPool = getSubtotalOfPool("nd");
  int subTotalOfPoolDiscounted = getSubtotalOfPool("d");
  int subTotalOfGym = getSubtotalOfGym("nd");
  int subTotalOfGymDiscounted = getSubtotalOfGym("d");
  int subTotalOfFootSpa = getSubtotalOfFootSpa("nd");
  int subTotalOfFootSpaDiscounted = getSubtotalOfFootSpa("d");
  int subTotalOfAroma = getSubtotalOfAroma("nd");
  int subTotalOfAromaDiscounted = getSubtotalOfAroma("d");
  int subTotalOfThai = getSubtotalOfThai("nd");
  int subTotalOfThaiDiscounted = getSubtotalOfThai("d");
```

```
int totalAmenitiesNonDiscounted = subTotalOfPool + subTotalOfGym + subTotalOfFootSpa +
subTotalOfAroma + subTotalOfThai;
    int totalAmenitiesDiscounted = subTotalOfPoolDiscounted + subTotalOfGymDiscounted +
subTotalOfFootSpaDiscounted + subTotalOfAromaDiscounted + subTotalOfThaiDiscounted;
    totalOfAmenities = totalAmenitiesNonDiscounted + totalAmenitiesDiscounted;
    if (swimmingPool.isSelected()) {
      if (sp + spdc == 0) {
        sb.append("Please put the number of guests for the swimming pool.\n");
      } else if (sp + spdc > 0 && spd == 0) {
        sb.append("Please enter the number of days you want to avail the swimming pool.\n");
      }
    }
    if (gym.isSelected()) {
      if (gymc + gymdc == 0) {
        sb.append("Please put the number of guests for the gym.\n");
      } else if (gymc + gymdc > 0 && gymd == 0) {
        sb.append("Please enter the number of days you want to avail the gym.\n");
      }
    }
    if (footspa.isSelected()) {
      if (fs + fsdc == 0) {
        sb.append("Please put the number of guests for the foot spa.\n");
      } else if (fs + fsdc > 0 && fsmd == 0) {
```

```
sb.append("Please enter the number of days you want to avail the foot spa.\n");
      }
    }
    if (aroma.isSelected()) {
      if (afm + afmdc == 0) {
         sb.append("Please put the number of guests for the aroma therapy.\n");
      } else if (afm + afmdc > 0 && afmd == 0) {
         sb.append("Please enter the number of days you want to avail aroma therapy.\n");
      }
    }
    if (thai.isSelected()) {
      if (tmg + tmdc == 0) {
        sb.append("Please put the number of guests for Thai massage.\n");
      } else if (tmg + tmdc > 0 && tmd == 0) {
        sb.append("Please enter the number of days you want to avail Thai massage.\n");
      }
    }
    // Display the error messages if any
    if (sb.length() > 0) {
      JOptionPane.showMessageDialog(this, sb.toString(), "Validation Errors",
JOptionPane.WARNING_MESSAGE);
    } else
    {
      toNextPage(
```

```
subTotalOfPool, subTotalOfPoolDiscounted,
        subTotalOfGym, subTotalOfGymDiscounted,
        subTotalOfFootSpa, subTotalOfFootSpaDiscounted,
        subTotalOfAroma, subTotalOfAromaDiscounted,
        subTotalOfThai, subTotalOfThaiDiscounted
    );
  }
}
private void toNextPage(int stOfPool, int stOfPoolDiscounted,
    int stOfGym, int stOfGymDiscounted,
    int stOfFootSpa, int stOfFootSpaDiscounted,
    int stOfAroma, int stOfAromaDiscounted,
    int stOfThai, int stOfThaiDiscounted)
{
  // Initialize StringBuilder to collect the details
  StringBuilder sb = new StringBuilder();
  sb.append("Reservation Details:\n");
  sb.append("Reservation Number: ").append(reservationNumber).append("\n");
  sb.append("ID Number: ").append(idNumber).append("\n");
  sb.append("Destination: ").append(destination).append("\n");
  sb.append("Season: ").append(season).append("\n");
  sb.append("Number of Guests: ").append(numOfGuests).append("\n");
```

```
sb.append("Stay Duration: ").append(stayDuration).append("days\n\n");
    sb.append("Add-On Subtotals:\n");
// Add-On Subtotals: Add only non-zero values
    if (subtotalOfBed > 0) {
      sb.append("Bed: ").append(subtotalOfBed).append("\n");
    }
    if (subtotalOfBlanket > 0) {
      sb.append("Blanket: ").append(subtotalOfBlanket).append("\n");
    }
    if (subtotalOfPillow > 0) {
      sb.append("Pillow: ").append(subtotalOfPillow).append("\n");
    }
    if (subtotalOfToiletries > 0) {
      sb.append("Toiletries: ").append(subtotalOfToiletries).append("\n");
    }
// Display total add-ons if any are present
    if (totalAmountOfAddOns > 0) {
      sb.append("Total Add-Ons: ").append(totalAmountOfAddOns).append("\n\n");
    }
    sb.append("Service Subtotals:\n");
// Service Subtotals: Add only non-zero values for each service
    if (stOfPool > 0) {
```

```
sb.append("Swimming Pool: ").append(stOfPool).append(" (Discounted:
").append(stOfPoolDiscounted).append(")\n");
    }
    if (stOfGym > 0) {
      sb.append("Gym: ").append(stOfGym).append(" (Discounted:
").append(stOfGymDiscounted).append(")\n");
    if (stOfFootSpa > 0) {
      sb.append("Foot Spa: ").append(stOfFootSpa).append(" (Discounted:
").append(stOfFootSpaDiscounted).append(")\n");
    }
    if (stOfAroma > 0) {
      sb.append("Aroma Therapy: ").append(stOfAroma).append(" (Discounted:
").append(stOfAromaDiscounted).append(")\n");
    }
    if (stOfThai > 0) {
      sb.append("Thai Massage: ").append(stOfThai).append(" (Discounted:
").append(stOfThaiDiscounted).append(")\n");
    }
    sb.append("\nRoom Subtotals:\n");
// Room Subtotals: Add only non-zero room types
    if (subTotalOfStandard > 0) {
      sb.append("Standard Room: ").append(subTotalOfStandard).append("\n");
    }
    if (subTotalOfDeluxe > 0) {
      sb.append("Deluxe Room: ").append(subTotalOfDeluxe).append("\n");
    }
```

```
if (subTotalOfQuadruple > 0) {
      sb.append("Quadruple Room: ").append(subTotalOfQuadruple).append("\n");
    }
    if (subTotalOfFamily > 0) {
      sb.append("Family Room: ").append(subTotalOfFamily).append("\n");
    }
    if (subTotalOfSuite > 0) {
      sb.append("Suite Room: ").append(subTotalOfSuite).append("\n");
    }
    sb.append("Total Room Subtotal: ").append(totalRoomSubtotal).append("\n");
    sb.append("\nGuests Details:\n");
    sb.append("Adult Guests: ").append(adultGuests).append("\n");
    sb.append("Paid Children: ").append(paidChildren).append("\n");
    sb.append("Free Children: ").append(freeChildren).append("\n");
// Display the information using JOptionPane
    JOptionPane.showMessageDialog(null, sb.toString());
    forCalculation();
  final double discount = 0.8;
  private int getSubtotalOfPool(String text)
  {
    int subTotal;
```

}

```
if(text.equals("nd"))
  {
    subTotal = sp * spd * 300;
    return subTotal;
  }
  else if(text.equals("d"))
  {
    subTotal = (int) (spdc * spd * 300 * discount);
    return subTotal;
  }
  return 0;
}
private int getSubtotalOfGym(String text) {
  int subTotal;
  if (text.equals("nd")) {
    subTotal = gymc * gymd * 500;
    return subTotal;
  } else if (text.equals("d")) {
    subTotal = (int) (gymdc * gymd * 500 * discount);
    return subTotal;
  }
  return 0;
```

```
}
private int getSubtotalOfFootSpa(String text) {
  int subTotal;
  if (text.equals("nd")) {
    subTotal = fs * fsmd * 825;
    return subTotal;
  } else if (text.equals("d")) {
    subTotal = (int) (fsdc * fsmd * 825 * discount);
    return subTotal;
  }
  return 0;
}
private int getSubtotalOfAroma (String text) {
  int subTotal;
  if (text.equals("nd")) {
    subTotal = afm * afmd * 1045;
    return subTotal;
  } else if (text.equals("d")) {
    subTotal = (int) (afmdc * afmd * 1045 * discount);
    return subTotal;
  }
```

```
return 0;
}
private int getSubtotalOfThai (String text) {
  int subTotal;
  if (text.equals("nd")) {
    subTotal = tmg * tmd * 1540;
    return subTotal;
  } else if (text.equals("d")) {
    subTotal = (int) (tmdc * tmd * 1540 * discount);
    return subTotal;
  }
  return 0;
}
/**
* @param args the command line arguments
*/
public static void main(String args[]) {
  /* Set the Nimbus look and feel */
```

```
//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
           javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(Amenities.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(Amenities.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(Amenities.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(Amenities.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
    }
```

```
//</editor-fold>
  //</editor-fold>
  /* Create and display the form */
  java.awt.EventQueue.invokeLater(new Runnable() {
    public void run() {
      new Amenities().setVisible(true);
    }
  });
}
// Variables declaration - do not modify
private javax.swing.JTextField AromaDiscount;
private javax.swing.JLabel Option4;
private javax.swing.JLabel Option5;
private javax.swing.JLabel Option6;
private javax.swing.JLabel Option8;
private javax.swing.JButton acAromaDiscount;
private javax.swing.JButton acAromaMinCount;
private javax.swing.JButton acDayGym;
private javax.swing.JButton acDayPool;
private javax.swing.JButton acFootSpaDiscount;
private javax.swing.JButton acFootSpaGuest;
private javax.swing.JButton acFootSpaMinCount;
private javax.swing.JButton acGymDiscount;
private javax.swing.JButton acGymGuest;
private javax.swing.JButton acPoolDiscount;
```

```
private javax.swing.JButton acPoolGuest;
private javax.swing.JButton acThaiCount;
private javax.swing.JButton acThaiDisCount;
private javax.swing.JButton acThaiMinCount;
private javax.swing.JPanel amenities;
private javax.swing.JCheckBox aroma;
private javax.swing.JTextField aromaGuestCount;
private javax.swing.JTextField aromaMinCount;
private javax.swing.JPanel aromaPan;
private javax.swing.JButton asAromaCount;
private javax.swing.JTextField dayPoolCount;
private javax.swing.JButton dcAromaCount;
private javax.swing.JButton dcAromaDiscount;
private javax.swing.JButton dcAromaMinCount;
private javax.swing.JButton dcDayGym;
private javax.swing.JButton dcDayPool;
private javax.swing.JButton dcFootSpaDiscount;
private javax.swing.JButton dcFootSpaGuest;
private javax.swing.JButton dcGymDiscount;
private javax.swing.JButton dcGymGuest;
private javax.swing.JButton dcPoolDiscount;
private javax.swing.JButton dcPoolGuest;
private javax.swing.JButton dcThaiCount;
private javax.swing.JButton dcThaiDisCount;
private javax.swing.JButton dcThaiMinCount;
private\ javax. swing. JButton\ dc foot SpaMin Count;
private javax.swing.JTextField footSpaDisCount;
```

```
private javax.swing.JTextField footSpaGuestCount;
private javax.swing.JTextField footSpaMinCount;
private javax.swing.JPanel footSpaPan;
private javax.swing.JCheckBox footspa;
private javax.swing.JCheckBox gym;
private javax.swing.JTextField gymDayCount;
private javax.swing.JTextField gymDisCount;
private javax.swing.JTextField gymGuestCount;
private javax.swing.JPanel gymPan;
private javax.swing.JButton jButton2;
private javax.swing.JLabel jLabel21;
private javax.swing.JLabel jLabel22;
private javax.swing.JLabel jLabel23;
private javax.swing.JLabel jLabel24;
private javax.swing.JLabel jLabel54;
private javax.swing.JLabel jLabel55;
private javax.swing.JLabel jLabel56;
private javax.swing.JLabel jLabel57;
private javax.swing.JLabel jLabel58;
private javax.swing.JLabel jLabel59;
private javax.swing.JLabel jLabel60;
private javax.swing.JLabel jLabel61;
private javax.swing.JLabel jLabel62;
private javax.swing.JLabel jLabel63;
private javax.swing.JLabel jLabel64;
private javax.swing.JLabel jLabel65;
private javax.swing.JLabel jLabel66;
```

```
private javax.swing.JLabel jLabel67;
  private javax.swing.JLabel jLabel68;
  private javax.swing.JLabel jLabel69;
  private javax.swing.JRadioButton no;
  private javax.swing.JTextField poolDisCount;
  private javax.swing.JTextField poolGuestCount;
  private javax.swing.JPanel poolPan;
  private javax.swing.JCheckBox spa;
  private javax.swing.JPanel spaTypes;
  private javax.swing.JCheckBox swimmingPool;
  private javax.swing.JCheckBox thai;
  private javax.swing.JTextField thaiDiscount;
  private javax.swing.JTextField thaiGuestCount;
  private javax.swing.JTextField thaiMinCount;
  private javax.swing.JPanel thaiPan;
  private javax.swing.JRadioButton yes;
  private javax.swing.ButtonGroup yesOrNo;
 // End of variables declaration
}
PAYMENT
* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this
license
* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template
*/
package pkgcase.study;
```

```
import java.net.URL;
import javax.swing.JOptionPane;
import javax.swing.JTextField;
import java.sql.*;
* @author ceaia
*/
public class Payment extends javax.swing.JFrame {
  /**
  * Creates new form Payment
  */
  public Payment() {
    initComponents();
    Connect();
  }
  Connection con;
  public void Connect() {
    ConnectionClass connectionClass = new ConnectionClass();
    con = connectionClass.con;
  }
```

```
String modeOfPayment;
String reservationNumber;
String idNumber;
String destination;
String season;
int paidGuests;
int freeChildren;
String bookingSummary;
/**
* This method is called from within the constructor to initialize the form.
* WARNING: Do NOT modify this code. The content of this method is always
* regenerated by the Form Editor.
*/
@SuppressWarnings("unchecked")
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
 ¡Panel25 = new javax.swing.JPanel();
  jPanel1 = new javax.swing.JPanel();
 jLabel1 = new javax.swing.JLabel();
  fullName = new javax.swing.JTextField();
  jLabel2 = new javax.swing.JLabel();
  countryCode = new javax.swing.JTextField();
  jLabel3 = new javax.swing.JLabel();
  phoneNumber = new javax.swing.JTextField();
  jLabel4 = new javax.swing.JLabel();
```

```
emailAddress = new javax.swing.JTextField();
jLabel6 = new javax.swing.JLabel();
guestName = new javax.swing.JTextField();
cash = new javax.swing.JPanel();
enterPayment = new javax.swing.JLabel();
cashpay = new javax.swing.JTextField();
credit = new javax.swing.JPanel();
cardNumber = new javax.swing.JLabel();
jTextField6 = new javax.swing.JTextField();
securityCode = new javax.swing.JLabel();
jTextField8 = new javax.swing.JTextField();
expiryDate = new javax.swing.JLabel();
confirmPayment = new javax.swing.JButton();
cashPayment = new javax.swing.JRadioButton();
creditCard = new javax.swing.JRadioButton();
¡Panel3 = new javax.swing.JPanel();
jLabel7 = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();
priceToPay = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT ON CLOSE);
jPanel25.setBackground(new java.awt.Color(0, 0, 51));
jLabel1.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel1.setText("Full Name");
```

```
fullName.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    fullNameActionPerformed(evt);
  }
});
jLabel2.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel2.setText("Country Code");
countryCode.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    countryCodeActionPerformed(evt);
  }
});
jLabel3.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel3.setText("Phone Number");
phoneNumber.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    phoneNumberActionPerformed(evt);
  }
});
jLabel4.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
jLabel4.setText("Email Address");
```

```
emailAddress.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        emailAddressActionPerformed(evt);
      }
    });
    jLabel6.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    jLabel6.setText("Guest Name");
    guestName.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        guestNameActionPerformed(evt);
      }
    });
    javax.swing.GroupLayout | Panel1Layout = new javax.swing.GroupLayout(jPanel1);
    jPanel1.setLayout(jPanel1Layout);
    jPanel1Layout.setHorizontalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING,
false)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.LEADING,
¡Panel1Layout.createSequentialGroup()
                .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 106,
javax.swing.GroupLayout.PREFERRED SIZE)
                .addGap(158, 158, 158)
                .addComponent(jLabel2))
              .addGroup(javax.swing.GroupLayout.Alignment.LEADING,
¡Panel1Layout.createSequentialGroup()
                .addComponent(fullName, javax.swing.GroupLayout.PREFERRED SIZE, 251,
javax.swing.GroupLayout.PREFERRED SIZE)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                .addComponent(countryCode)))
            .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(phoneNumber)
              .addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel3)
                .addGap(0, 0, Short.MAX VALUE))))
          .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel6)
              .addComponent(guestName, javax.swing.GroupLayout.PREFERRED SIZE, 251,
javax.swing.GroupLayout.PREFERRED SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(emailAddress)
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel4)
                .addGap(0, 0, Short.MAX VALUE)))))
        .addContainerGap())
    );
   iPanel1Layout.setVerticalGroup(
      ¡Panel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel1)
          .addComponent(jLabel2)
          .addComponent(jLabel3))
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(fullName, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(countryCode, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(phoneNumber, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel6)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
```

```
.addComponent(guestName, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel4)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(emailAddress, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
    enterPayment.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    enterPayment.setText("Enter Payment");
    javax.swing.GroupLayout cashLayout = new javax.swing.GroupLayout(cash);
    cash.setLayout(cashLayout);
    cashLayout.setHorizontalGroup(
      cashLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(cashLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(cashLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(cashpay)
          .addGroup(cashLayout.createSequentialGroup()
            .addComponent(enterPayment)
            .addGap(0, 140, Short.MAX VALUE)))
        .addContainerGap())
    );
    cashLayout.setVerticalGroup(
```

```
cashLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(cashLayout.createSequentialGroup()
        .addGap(35, 35, 35)
        .addComponent(enterPayment)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(cashpay, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
    );
    cardNumber.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    cardNumber.setText("Card Number");
    securityCode.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    securityCode.setText("Security Code");
    expiryDate.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    expiryDate.setText("Expire Date");
    javax.swing.GroupLayout creditLayout = new javax.swing.GroupLayout(credit);
    credit.setLayout(creditLayout);
    creditLayout.setHorizontalGroup(
      creditLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(creditLayout.createSequentialGroup()
        .addContainerGap()
.addGroup(creditLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jTextField6)
```

```
.addGroup(creditLayout.createSequentialGroup()
.addGroup(creditLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addComponent(cardNumber)
              .addComponent(securityCode, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
              .addComponent(jTextField8))
            .addGap(18, 18, 18)
            .addComponent(expiryDate, javax.swing.GroupLayout.PREFERRED SIZE, 87,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(0, 215, Short.MAX VALUE)))
        .addContainerGap())
    );
    creditLayout.setVerticalGroup(
      creditLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(creditLayout.createSequentialGroup()
        .addGap(35, 35, 35)
        .addComponent(cardNumber)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jTextField6, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(creditLayout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(securityCode)
          .addComponent(expiryDate))
```

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)

```
.addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
    confirmPayment.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    confirmPayment.setText("CONFIRM PAYMENT");
    confirmPayment.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        confirmPaymentActionPerformed(evt);
      }
    });
    cashPayment.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    cashPayment.setForeground(new java.awt.Color(242, 242, 242));
    cashPayment.setText("CASH PAYMENT");
    cashPayment.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        cashPaymentActionPerformed(evt);
      }
    });
    creditCard.setFont(new java.awt.Font("Bookman Old Style", 1, 14)); // NOI18N
    creditCard.setForeground(new java.awt.Color(242, 242, 242));
    creditCard.setText("CREDIT CARD");
    creditCard.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
```

```
creditCardActionPerformed(evt);
     }
    });
   javax.swing.GroupLayout jPanel25Layout = new javax.swing.GroupLayout(jPanel25);
   jPanel25.setLayout(jPanel25Layout);
   jPanel25Layout.setHorizontalGroup(
      jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel25Layout.createSequentialGroup()
        .addContainerGap()
.addGroup(jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addGroup(jPanel25Layout.createSequentialGroup()
.addGroup(jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addComponent(confirmPayment, javax.swing.GroupLayout.DEFAULT SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
              .addComponent(cash, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(credit, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
          .addGroup(jPanel25Layout.createSequentialGroup()
            .addComponent(cashPayment, javax.swing.GroupLayout.PREFERRED SIZE, 245,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(36, 36, 36)
```

```
.addComponent(creditCard, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)))
        .addContainerGap())
    );
    jPanel25Layout.setVerticalGroup(
      jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel25Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
.addGroup(jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(cashPayment)
          .addComponent(creditCard))
        . add Preferred Gap (javax. swing. Layout Style. Component Placement. RELATED, \\
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel25Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
          .addGroup(jPanel25Layout.createSequentialGroup()
            .addComponent(cash, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(confirmPayment, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
          .addComponent(credit, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
        .addContainerGap())
    );
```

```
jPanel3.setBackground(new java.awt.Color(176, 25, 25));
    jLabel7.setFont(new java.awt.Font("Century", 1, 48)); // NOI18N
    jLabel7.setForeground(new java.awt.Color(97, 141, 194));
    ¡Label7.setText("SIESTA HOTEL");
    jLabel16.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pkgcase/study/LOGO
ICON.jpg"))); // NOI18N
    jLabel16.setMaximumSize(new java.awt.Dimension(100, 100));
    jLabel16.setMinimumSize(new java.awt.Dimension(50, 50));
    jLabel16.setPreferredSize(new java.awt.Dimension(100, 100));
    priceToPay.setFont(new java.awt.Font("Segoe UI", 3, 14)); // NOI18N
    javax.swing.GroupLayout jPanel3Layout = new javax.swing.GroupLayout(jPanel3);
    ¡Panel3.setLayout(¡Panel3Layout);
    jPanel3Layout.setHorizontalGroup(
      jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(21, 21, 21)
        .addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED_SIZE, 119,
javax.swing.GroupLayout.PREFERRED_SIZE)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(jPanel3Layout.createSequentialGroup()
            .addGap(18, 18, 18)
            .addComponent(jLabel7)
```

```
.addContainerGap(157, Short.MAX VALUE))
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
            .addComponent(priceToPay, javax.swing.GroupLayout.PREFERRED_SIZE, 122,
javax.swing.GroupLayout.PREFERRED SIZE)
            .addGap(21, 21, 21))))
    );
    iPanel3Layout.setVerticalGroup(
      ¡Panel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel3Layout.createSequentialGroup()
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jLabel7)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
      .addGroup(jPanel3Layout.createSequentialGroup()
        .addGap(15, 15, 15)
.addGroup(jPanel3Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addComponent(jLabel16, javax.swing.GroupLayout.PREFERRED_SIZE, 111,
javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(priceToPay, javax.swing.GroupLayout.PREFERRED_SIZE, 25,
javax.swing.GroupLayout.PREFERRED SIZE))
        .addContainerGap(15, Short.MAX VALUE))
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel25, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
      .addComponent(jPanel3, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
        .addComponent(jPanel3, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
        .addComponent(jPanel25, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap())
    );
    pack();
  }// </editor-fold>
  int standard, deluxe, quadruple, family, suite;
  public void getValues(int totalOfAll,int standardCountMain,int deluxeCountMain,int
quadrupleCountMain,int familyCountMain,int suiteCountMain,String rn, String id, String dest,
String ssn,int ag,int pc,int fc,StringBuilder sb)
  {
    JOptionPane.showMessageDialog(this,totalOfAll);
```

```
standard = standardCountMain;
  deluxe = deluxeCountMain;
  quadruple = quadrupleCountMain;
  family = familyCountMain;
  suite = suiteCountMain;
  reservationNumber = rn;
  idNumber = id;
  destination = dest;
  season = ssn;
  paidGuests = ag + pc;
  freeChildren = fc;
  bookingSummary = sb.toString();
}
private void fullNameActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void countryCodeActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
private void phoneNumberActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
}
```

```
private void emailAddressActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void guestNameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void confirmPaymentActionPerformed(java.awt.event.ActionEvent evt) {
    StringBuilder errorMessages = new StringBuilder();
    int total = Integer.parseInt(priceToPay.getText());
    String name = fullName.getText();
    String code = countryCode.getText();
    String phone = phoneNumber.getText();
    String user = guestName.getText();
    String email = emailAddress.getText();
    String enteredEmail = getValidatedEmail(email, "Email", errorMessages);
    String enteredName = getValidatedName(name, "Name", errorMessages);
    String enteredCode = getValidatedCode(code, "Name", errorMessages);
    String enteredContactNum = getValidatedContactNumber(phone, "Contact Number",
errorMessages);
    String enteredUser = getValidatedName(user, "Name", errorMessages);
    if (!(cashPayment.isSelected()) && !(creditCard.isSelected())){
```

```
JOptionPane.showMessageDialog(null, "please choose mode of payment");
    }else
    if(cash.isEnabled()){
      try{
        String cash = cashpay.getText().trim();
        modeOfPayment = "CASH";
        int cashValue = Integer.parseInt(cash);
        if(cashValue >= total){
          int paid = cashValue - total;
          int change = paid;
          JOptionPane.showMessageDialog(null, "your total amount is " + total + "Entered
amount is " + cashValue + "\nyour change is " + change);
        }else {
          JOptionPane.showMessageDialog(null, "your balance was not enough please enter
the exact amount .");
        }
      }catch(NumberFormatException e)
      {
        JOptionPane.showMessageDialog(null, "WARNING: Input Valid Integer!", "Warning",
JOptionPane.WARNING MESSAGE);
      }
      JOptionPane.showMessageDialog(null, "Name: " + name);
      success();
    }
 }
```

```
private void success()
  {
    String sql = "INSERT INTO reservation_table (reservation_number, idNumber, destination,
season,paidGuests,childGuests,bookingSummary) VALUES (?, ?, ?, ?, ?,?,?)";
    try ( PreparedStatement pstmt = con.prepareStatement(sql)) {
      // Set values for the query
      pstmt.setString(1, reservationNumber);
      pstmt.setString(2, idNumber);
      pstmt.setString(3, destination);
      pstmt.setString(4, season );
      pstmt.setInt(5, paidGuests);
      pstmt.setInt(6, freeChildren );
      pstmt.setString(7, bookingSummary);
      // Execute the update
      int rowsAffected = pstmt.executeUpdate();
      if (rowsAffected > 0) {
        System.out.println("Data inserted successfully!");
      } else {
        System.out.println("No data was inserted.");
      }
    } catch (SQLException e) {
      System.out.println("Database error: " + e.getMessage());
    }
```

```
}
  private String getValidatedContactNumber(String contactNum, String fieldName,
StringBuilder errorMessages) {
    if (contactNum.isEmpty()) {
      errorMessages.append(fieldName).append(" cannot be empty.\n");
      return null;
    }
    // Example: Basic validation for a 11-digit phone number
    String contactPattern = "^\\d{11}$";
    if (!contactNum.matches(contactPattern)) {
      errorMessages.append("Please enter a valid contact number (11 digits).\n");
      return null;
    }
    return contactNum;
 }
  private String getValidatedName(String fName, String fieldName, StringBuilder
errorMessages) {
    if (fName.isEmpty()) {
      errorMessages.append(fieldName).append(" cannot be empty.\n");
      return null;
    }
```

```
return fName;
         }
          private String getValidatedCode(String code, String fieldName, StringBuilder errorMessages) {
                    if (code.isEmpty()) {
                              errorMessages.append(fieldName).append(" cannot be empty.\n");
                              return null;
                   }
                    return code;
         }
         private String getValidatedEmail(String email, String fieldName, StringBuilder errorMessages)
{
                    if (email.isEmpty()) {
                              errorMessages.append(fieldName).append(" cannot be empty.\n");
                              return null;
                    }
                    String emailPattern = \[ -2A-Z0-9_+ & -]+(?:\] - (2-ZA-Z0-9_+ & -]+) \( -2A-Z0-9_+ & -)+(?:\] - (2-ZA-Z0-9_+ & -)+(?:\] 
]+\\.)+[a-zA-Z]{2,7}$";
                    if (!email.matches(emailPattern)) {
```

```
errorMessages.append("Please enter a valid email address.\n");
    return null;
  }
  return email;
}
private void cashPaymentActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  enablePanelComponents(credit, false);
  enablePanelComponents(cash, true);
  }
  private void enablePanelComponents(javax.swing.JPanel panel, boolean enable) {
    java.awt.Component[] components = panel.getComponents();
    for (java.awt.Component component : components) {
      component.setEnabled(enable);
    }
}
private void creditCardActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  enablePanelComponents(credit, true);
```

```
enablePanelComponents(cash, false);
  }
  /**
  * @param args the command line arguments
  */
  public static void main(String args[]) {
    /* Set the Nimbus look and feel */
    //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">
    /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.
     * For details see
http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
     */
    try {
      for (javax.swing.UIManager.LookAndFeelInfo info:
javax.swing.UIManager.getInstalledLookAndFeels()) {
        if ("Nimbus".equals(info.getName())) {
          javax.swing.UIManager.setLookAndFeel(info.getClassName());
           break;
        }
      }
    } catch (ClassNotFoundException ex) {
java.util.logging.Logger.getLogger(Payment.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(Payment.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
```

```
} catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(Payment.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(Payment.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
      public void run() {
        new Payment().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JLabel cardNumber;
  private javax.swing.JPanel cash;
  private javax.swing.JRadioButton cashPayment;
  private javax.swing.JTextField cashpay;
  private javax.swing.JButton confirmPayment;
  private javax.swing.JTextField countryCode;
  private javax.swing.JPanel credit;
  private javax.swing.JRadioButton creditCard;
```

```
private javax.swing.JTextField emailAddress;
  private javax.swing.JLabel enterPayment;
  private javax.swing.JLabel expiryDate;
  private javax.swing.JTextField fullName;
  private javax.swing.JTextField guestName;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel16;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabel4;
  private javax.swing.JLabel jLabel6;
  private javax.swing.JLabel jLabel7;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JPanel jPanel25;
  private javax.swing.JPanel jPanel3;
  private javax.swing.JTextField jTextField6;
  private javax.swing.JTextField jTextField8;
  private javax.swing.JTextField phoneNumber;
  public javax.swing.JLabel priceToPay;
  private javax.swing.JLabel securityCode;
  // End of variables declaration
}
CONNECTION CLASS
package pkgcase.study;
import java.sql.*;
```

```
import java.util.logging.Level;
import java.util.logging.Logger;
public class ConnectionClass {
  public Connection con;
  public Connection conRM;
  public ConnectionClass() {
    connect();
    connectRm(); // Ensure both connections are established
  }
  private void connect() {
    try {
      Class.forName("com.mysql.cj.jdbc.Driver");
      con = DriverManager.getConnection("jdbc:mysql://localhost/hotelmanagement db",
"root", "");
      System.out.println("Connection to hotelmanagement db Successful!");
    } catch (ClassNotFoundException ex) {
      Logger.getLogger(ConnectionClass.class.getName()).log(Level.SEVERE, "JDBC Driver not
found", ex);
    } catch (SQLException ex) {
      Logger.getLogger(ConnectionClass.class.getName()).log(Level.SEVERE, "Database
connection failed", ex);
    }
  }
```

```
private void connectRm() {
    try {
      Class.forName("com.mysql.cj.jdbc.Driver");
      conRM = DriverManager.getConnection("jdbc:mysql://localhost/hotelmanagement_rm",
"root", "");
      System.out.println("Connection to hotelmanagement rm Successful!");
    } catch (ClassNotFoundException ex) {
      Logger.getLogger(ConnectionClass.class.getName()).log(Level.SEVERE, "JDBC Driver not
found", ex);
    } catch (SQLException ex) {
      Logger.getLogger(ConnectionClass.class.getName()).log(Level.SEVERE, "Database
connection failed", ex);
    }
  }
  // Add a parameter to specify which connection to return
  public Connection getConnection(String dbName) {
    if ("hotelmanagement db".equals(dbName)) {
      return con;
    } else if ("hotelmanagement rm".equals(dbName)) {
      return conRM;
    } else {
      return null; // Return null if the database name is incorrect
    }
  }
}
```